

19980430.qrp v01_n076.qrs.980430 v01_n077.qrs.980430

Date: Thu, 30 Apr 1998 18:18:24 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1076

QRP-L Digest 1076

Topics covered in this issue include:

- 1) [9518] 2N7000 basing
by Robert Parks <rob3ert@vegas.infi.net>
- 2) [9519] QRPTTF - DE/MD/PA
by SMurph555 <SMurph555@aol.com>
- 3) [9520] Fwd: [TenTec] For Sale Argo 515 etc
by NT1R <NT1R@aol.com>
- 4) [9521] Re: QRPTTF - DE/MD/PA
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 5) [9522] [Fwd: SG-2020]
by Walt Amos <waltk8cv@ameritech.net>
- 6) [9523] QRPp...
by Mighty Mik <mitymik@hooked.net>
- 7) [9524] Re: SGC speaks to QRP-L
by AC6JA <AC6JA@aol.com>
- 8) [9525] FS:Ten-Tec Omni V
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [9526] Re: Damaged QSTs
by wa8rxi@juno.com (Rick Arzadon)
- 10) [9527] Looking over my shoulder !
by KF4EIB <KF4EIB@aol.com>
- 11) [9528] Re: ZM-2 problem
by LYN <designserv@ipass.net>
- 12) [9529] Re: SGC flap
by Paul Harden <pharden@aoc.nrao.edu>
- 13) [9530] QRPTTF Responses
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 14) [9531] Re: SGC flap
by AC6JA <AC6JA@aol.com>
- 15) [9532] Re: 2N7000 basing
by Bob Hightower <ki7mn@dancris.com>
- 16) [9533] Re: Will be in Wichita Kansas area...
by John Sullllivan <kg0mz@southwind.net>
- 17) [9534] Re: QRPTTF Responses
by peacemkr <peacemkr@wcc.net>
- 18) [9535] Re: Query
by af852@rgfn.epcc.edu (William R Colbert)
- 19) [9536] Open letter to QRPTTF Border Operations

by "Roy Lincoln" <wa4dou@mailexcite.com>
20) [9537] border question
by ac5ez@webtv.net (Larry B)
21) [9538] Re: border question
by "Roy Lincoln" <wa4dou@mailexcite.com>
22) [9539] Re: border question
by Mike Martin <mmartin@netins.net>
23) [9540] border
by ac5ez@webtv.net (Larry B)
24) [9541] Manual needed for SWR meter
by "Dan Trigilio" <danjt@cruzio.com>
25) [9542] Re: Open letter to QRPTTF Border Operations
by Bob Edwards <w4ed@flash.net>
26) [9543] qrp
by ac5ez@webtv.net (Larry B)
27) [9544] Dayton Room Reservations.
by Hank Kohl K8DD <k8dd@contesting.com>
28) [9545] qrp
by ac5ez@webtv.net (Larry B)
29) [9546] SG-2020 - Big Disappointment.....
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
30) [9547] QRP at the borders
by jmbrown@edge.net (JERRY BROWN)
31) [9548] Re: Dayton Room Reservations.
by Dan Puckett <dpuckett@erinet.com>
32) [9549] Re: qrp
by macstein@cftnet.com (Mac Steinmeyer)
33) [9550] Dayton
by "J. Skalski" <jskalski@acsu.buffalo.edu>
34) [9551] Re: qrp
by Brian Kassel <bkassel@dancris.com>
35) [9552] Re: qrp
by Brian Kassel <bkassel@dancris.com>
36) [9553] Dayton
by ac5ez@webtv.net (Larry B)
37) [9554] Re: Dayton Room Reservations.
by pmk@juno.com (Patrick M Kvitkauskas)
38) [9555] HamCom
by ac5ez@webtv.net (Larry B)
39) [9556] loss
by ac5ez@webtv.net (Larry B)
40) [9557] qrp and beams
by WU0L <WU0L@aol.com>
41) [9558] Level playing field
by ac5ez@webtv.net (Larry B)
42) [9559] What a great little rig (Wilderness Sierra)
by pmk@juno.com (Patrick M Kvitkauskas)
43) [9560] Re: qrp and beams

by "Fred Ringwald" <fred@innocent.com>
44) [9561] re: qrp
by macstein@cftnet.com (Mac Steinmeyer)
45) [9562] Re: QRPTTF/LM386 Data Sheets
by Paul Harden <pharden@aoc.nrao.edu>
46) [9563] Confused
by ac5ez@webtv.net (Larry B)
47) [9564] OT - Seattle Filmworks
by Charles Olson <jacksonharbor@worldnet.att.net>
48) [9565] Re: Confused
by RangerSF5 <RangerSF5@aol.com>
49) [9566] qrp
by ac5ez@webtv.net (Larry B)
50) [9567] Re: qrp
by Peter Larsen <larsenp@cadvision.com>
51) [9568] Re: Level playing field
by mwattcpa@earthlink.net (Marty Watt)
52) [9569] RE;radio shack meter manual
by RangerSF5 <RangerSF5@aol.com>
53) [9570] QRPTTF Report
by "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
54) [9571] Re: qrp and beams
by "Andreas Junge" <andreas@atltech.com>
55) [9572] Re: Confused
by Ed Tanton <n4xy@att.net>
56) [9573] 10 METERS THIS WEEKEND
by Bill Todd <bill@willapabay.org>
57) [9574] Qrp
by ac5ez@webtv.net (Larry B)
58) [9575] 30 meter beacons??
by Scott Bauer <ke3nv@erols.com>
59) [9576] K0FRP Please Read
by Bob Patten <n4bp@bc.seflin.org>
60) [9577] Japanese BUG
by "Alyn Backe" <ve6bpr@cnnnet.com>
61) [9578] 3d2hi on 30 meters now!!
by Scott Bauer <ke3nv@erols.com>
62) [9579] Next NorCal Project Announcement
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
63) [9580] Re: 3d2hi on 30 meters now!!
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
64) [9581] Re: qrp
by Monte Stark <ku7y@dri.edu>
65) [9582] TI5NW on 20 meters now!
by Scott Bauer <ke3nv@erols.com>
66) [9583] QRPTTF Borders "Rule Book"
by Paul Harden <pharden@aoc.nrao.edu>
67) [9584] Re: Level playing field

by Monte Stark <ku7y@dri.edu>
68) [9585] "3d2hi on 30 meters"
by joel malman <malman@world.std.com>
69) [9586] Re: "3d2hi on 30 meters"
by Paul Harden <pharden@aoc.nrao.edu>
70) [9587] Re: loss
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
71) [9588] playing field
by "Jerry W. O'Dell" <psyodell@mail.provide.net>
72) [9589] YH-88 C
by wd4nak@juno.com
73) [9590] SW40+ and Y4 grounding
by Bensondj <Bensondj@aol.com>
74) [9591] Still got a bunch of them RS wire antennas...
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
75) [9592] Re: playing field
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
76) [9593] Output power
by ac5ez@webtv.net (Larry B)
77) [9594] Re: Output power
by "Phil, K6LS" <k6ls@prolynx.com>
78) [9595] Gopher Hunt!
by applitech@mcg.net (Claton Cadmus)
79) [9596] QRP Banquet registration
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
80) [9597] Re: Confused
by Dan Copeland <dcopeland@wwn.net>
81) [9598] SG-2020
by "Fishman, Clark" <cfishman@pica.army.mil>
82) [9599] Re: Still got a bunch of them RS wire antennas...
by Bob Patten <n4bp@bc.seflin.org>
83) [9600] qrp and beams... serious reply... :-)
by jdenison@morelr.com (JOEL DENISON)
84) [9601] Re: playing field
by Bob Patten <n4bp@bc.seflin.org>
85) [9602] SG-2020
by "Fishman, Clark" <cfishman@pica.army.mil>
86) [9603] Re: Confused
by LYN <designserv@ipass.net>
87) [9604] Re: qrp
by John Evans - N0HJ <jaevans@codenet.net>
88) [9605] FS: FT-736 2/440 allmode, Century 21, S&S Ark 20 QRP, FT-707 stn,
Heath SB-1400 stn., scanners
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
89) [9606] Re: Level playing field
by LYN <designserv@ipass.net>
90) [9607] Re: Output power
by Zack Lau <zlau@arrl.org>

- 91) [9608] Re: Level playing field
by LYN <designserv@ipass.net>
- 92) [9609] Re: playing field
by Zack Lau <zlau@arrl.org>
- 93) [9610] Re: qrp and beams... serious reply... :-)
by "Walter Dufrain" <walter@inlink.com>
- 94) [9611] Indiana QRP Club
by Jim Osburn <wd9eyb@butler.indiana.net>
- 95) [9612] Re: OT - Seattle Filmworks
by Zack Lau <zlau@arrl.org>
- 96) [9613] Re: Level playing field
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 97) [9614] Assigned Frequencies
by Tom Moll <tomm@xata.com>
- 98) [9615] Re: OT - Seattle Filmworks
by "Kevin Muenzler-WB5RUE" <wb5rue@ccnmail.com>
- 99) [9616] Re: Damaged QSTs
by Jack Parker <Pparker@greatbasin.net>
- 100) [9617] Re: Damaged QSTs
by "Kevin Muenzler-WB5RUE" <wb5rue@ccnmail.com>
- 101) [9618] What is QRP?
by kq0i@juno.com (Mark R Milburn)
- 102) [9619] Re: playing field
by Chris Trask <ctrask@primenet.com>
- 103) [9620] Sg2020
by "Jeff M. Gold" <JGold@tnitech.edu>
- 104) [9621] Re: Level playing field
by Bob Hightower <ki7mn@dancris.com>
- 105) [9622] Re: qrp
by LYN <designserv@ipass.net>
- 106) [9623] My PIXIEII (40 mtrs) is alive!
by Sam Billingsley <SBillingsley@usaninc.com>
- 107) [9624] Trap dipole
by "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
- 108) [9625] QRP ARCI ???
by "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
- 109) [9626] [AMPS] Fw: Engineers are Like That (fwd)
by Paul Erickson <paul1@wizard.ucsfu.ca>
- 110) [9627] What's hamradio, what's QRP: A reflection.
by "Vincent Ferme" <vferme@sprint.ca>
- 111) [9628] Re: Next NorCal Project Announcement
by Niel Skousen <nskousen@scientech.com>
- 112) [9629] RE: Open letter to QRPTTF Border Operations
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 113) [9630] Re: SG-2020
by Phil Rutledge <rut@mcrut.mv.com>
- 114) [9631] Re: What is QRP
by Mike Martin <mmartin@netins.net>

115) [9632] Re: Confused
by Shepherd <Shepherd@aol.com>
116) [9633] Re: OT - Seattle Filmworks
by Zack Lau <zlau@arrl.org>
117) [9634] QRP Rule Book
by Ward Hill <w_hill@ns.net>
118) [9635] Re: OT - Seattle Filmworks
by Zack Lau <zlau@arrl.org>
119) [9636] Re: qrp
by "Michael A. Gipe" <mgipe@reliablemeters.com>
120) [9637] Re: What is QRP?
by "Fred Ringwald" <fred@innocent.com>
121) [9638] Elmer 101: Varactor substitution?
by PGSPersEng <PGSPersEng@aol.com>
122) [9639] RE: [AMPS] Fw: Engineers are Like That (by-line...)
by Conrad <radman@best.com>
123) [9640] Re: playing field
by "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
124) [9641] Re: Japanese BUG
by bcutter@teal.csn.net (Bob Cutter)
125) [9642] Re: Assigned Frequencies
by "George T. Baker" <w5yr@swbell.net>
126) [9643] Re: QRPTTF Borders "Rule Book"
by "Ed Hare, W1RFI" <ehare@arrl.org>
127) [9644] Re: Assigned Frequencies
by "Ed Hare, W1RFI" <ehare@arrl.org>
128) [9645] Re: Elmer 101: Varactor substitution?
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
129) [9646] Long Wire Antenna
by Jeff Johnson <jeff@dcsoftware.com>
130) [9647] RE: Assigned Frequencies
by Tom Moll <tomm@xata.com>
131) [9648] Re: Assigned Frequencies
by Richard Brittingham <rbritt@visi.net>
132) [9649] Re: Litz wire Source?
by Leon Heller <leon@lfheller.demon.co.uk>
133) [9650] Index QRP+ Mods
by Larry East <w1hue@amsat.org>
134) [9651] RE: Confused
by Tracy@bytemark.com (Tracy)
135) [9652] Re: Elmer 101: Varactor substitution?
by n5inz@juno.com (John M Andrews)
136) [9653] Re: qrp
by gsurrency@juno.com (Gary L Surrency)
137) [9654] What is Qrp?
by Dave Sjolin <sjolin@swbell.net>
138) [9655] RE:Using CB amps with Qrp rigs.
by "James C. Owen, III" <owen@piper.eeel.nist.gov>

139) [9656] Re: SGC 2020 FLAP
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
140) [9657] RE: SG2020 FLAP
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
141) [9658] Dig SWR/PWR Meter
by "Caro, Carlos" <carlos.caro@lmco.com>
142) [9659] Re: Indiana QRP Club
by w4bws@juno.com (Donald E Sanders)
143) [9660] Need tutor, design/experiment query
by "Roger A. McCarty" <rmccarty@earthlink.net>
144) [9661] QRP - A reminder
by Roger Hightower <n7kt@earthlink.net>
145) [9662] Attempts to Level the Field
by "Marshall Emm" <mgemm@mtechnologies.com>
146) [9663] Level playing field - Definitive Answer!
by "Marshall Emm" <mgemm@mtechnologies.com>
147) [9664] QRP Operating -- Lessons Learned
by Ed Loranger <we6w@qsl.net>
148) [9665] Fw: What is Qrp?
by "Ken Burrough" <ne0c@1st.net>
149) [9666] Any news on new S&S rig?
by "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
150) [9667] RE: QRP - A reminder
by "Caro, Carlos" <carlos.caro@lmco.com>
151) [9668] Re: Level playing field - Definitive Answer!
by Bob Hightower <ki7mn@dancris.com>
152) [9669] Re: Still got a bunch of them RS wire antennas...
by gsurrency@juno.com (Gary L Surrency)
153) [9670] Signature file??
by tom whalen <whalen@swcp.com>
154) [9671] Re: Elmer 101: Varactor substitution?
by gsurrency@juno.com (Gary L Surrency)
155) [9672] RE:Using CB amps with Qrp rigs.
by Steven Weber <kd1jv@moose.ncia.net>
156) [9673] Re: Sg2020
by Jim Lowman <jmlowman@ix.netcom.com>
157) [9674] Thank you
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
158) [9675] Spring issue of QRPP and subscription
by mlp <mlp@flash.net>
159) [9676] Re: Confused/NOT A FLAME WAR
by RangerSF5 <RangerSF5@aol.com>
160) [9677] Winning
by Bob Hightower <ki7mn@dancris.com>
161) [9678] Borders?
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
162) [9679] Re: Signature file??
by KC5TJA <kc5tja@topaz.axisinternet.com>

163) [9680] Re: Level playing field
by cjayheff@erols.com (C. Jay Heffner)

164) [9681] Re: Signature file??
by DENNIS MO <DENNISMO@aol.com>

165) [9682] Re: Signature file?? (fwd)
by KC5TJA <kc5tja@topaz.axisinternet.com>

166) [9683] Re: Attempts to Level the Field
by "Ed Hare, W1RFI" <ehare@arrl.org>

167) [9684] [Fwd: [TenTec] RE:Using CB amps with Qrp rigs.]
by Walt Amos <waltk8cv@ameritech.net>

168) [9685] FS: Ten-Tec Triton IV
by "Paul Christensen" <paulc@mediaone.net>

169) [9686] LC386s in series
by KC5TJA <kc5tja@topaz.axisinternet.com>

170) [9687] Mailer!!
by tom whalen <whalen@swcp.com>

171) [9688] Re: Signature file??
by Ed Tanton <n4xy@att.net>

172) [9689] Re: 3d2hi on 30 meters now!!
by talljazz@teleport.com (Dan Presley)

173) [9690] FS: Ten-Tec Scout
by "Paul Christensen" <paulc@mediaone.net>

174) [9691] Re: Signature file??
by KC5TJA <kc5tja@topaz.axisinternet.com>

175) [9692] Re: Output power
by Phil <k6ls@prolynx.com>

176) [9693] Netscape mail sig file
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>

177) [9694] QSK performance of FT-1000MP ?
by Mike Manship <mjmanship@iquest.net>

178) [9695] Elmer 101 ETC
by "Fishman, Clark" <cfishman@pica.army.mil>

179) [9696] Re: Mailer!!
by Roger Hightower <n7kt@earthlink.net>

180) [9697] Re: Level playing field - Definitive Answer!
by "Marshall Emm" <mgemm@mtechnologies.com>

181) [9698] LM386 stuff again
by KC5TJA <kc5tja@topaz.axisinternet.com>

182) [9699] level
by "Jerry W. O'Dell" <psyodell@mail.provide.net>

183) [9700] Re: [AMPS] Fw: Engineers are Like That (by-line...)
by "John J. McDonough" <jjmcd@mdn.net>

184) [9701] Re: Litz wire source
by Bill Howell <bhowell@mail.utexas.edu>

185) [9702] RE: level
by gregoire@endor.com

186) [9703] Re: level
by B1ljohn <B1ljohn@aol.com>

- 187) [9704] Re: qrp and beams... serious reply... :-)
by "Ron Polityka" <wb3aal@talon.net>
188) [9705] hamfest
by dave_epps@juno.com
189) [9706] Re: Still got a bunch of them RS wire antennas...
by dave_epps@juno.com
190) [9707] Dayton messages
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
191) [9708] Skill (was level)
by Kent Torell <torell@sicom.com>
192) [9709] RE: Attempts to Level the Field
by Tracy@bytemark.com (Tracy)
193) [9710] Re: level / Buying Contests
by Joe Gervais <vole@primenet.com>
194) [9711] Fwd: SG-2020 Comments
by B1ljohn <B1ljohn@aol.com>
195) [9712] Re: What is Qrp?
by "Robert Roach" <KE4Q0K@worldnet.att.net>
196) [9713] Re: level / Buying Contests
by KC5TJA <kc5tja@topaz.axisinternet.com>
197) [9714] FS: 40M OHR Explorer II
by "Tim Cook" <timcook@erinet.com>

Date: Wed, 29 Apr 1998 19:05:54 -0400 (EDT)
From: Robert Parks <rob3ert@vegas.infi.net>
To: qrp-1@Lehigh.EDU
Subject: [9518] 2N7000 basing
Message-ID: <199804292305.TAA25627@fh102.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

The subject line says it all. I can't find the lead connections for the 2N7000 anywhere. Would appreciate some input.

TIA

72/73

Bob Parks
K6AEC (Las Vegas)

Date: Wed, 29 Apr 1998 19:45:32 EDT
From: SMurph555 <SMurph555@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9519] QRPTTF - DE/MD/PA
Message-ID: <63be2094.3547bb9d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi All:

Thought I'd mention my own "Run to the Borders" effort. Decided to have a shot at the intersection of the Delaware, Maryland and Pennsylvania borders, which is also the east end of the Mason Dixon Line. I readied the gear Friday night and took off from Silver Spring, MD, for my destination Saturday morning. While the weather was beautiful, I did have to share I 95 with hordes of folks heading, probably, to New York City. But got to my point of choice only slightly scathed.

I used a 135 ft long wire, with three counterpoises of 66 ft, 33 ft and 16 ft, a system I'd put together about 25 years ago for use with an Argo 505. Tuned the works with an Ulrich Rhode pi-net and QRPP SWR bridge of Ade Weiss design, both of about the same vintage. The rig was an Index Labs QRP+, and I'd brought along a good keyer. Alas for both me, and the stations I called/worked, the auxiliary keyer died on the trip and I got to use the original QRP+ keyer.

The first QSO was on 20M at 1655Z and, at my location, band conditions were hardly stellar. I stayed on 20 and 40; on 20 signals were in and out. On 40, the QRN was fierce. Operating mostly "hunt and pounce", I worked 17 stations on 40M in 14 SPCs and 16 stations on 20M in 17 SPCs. I closed down at 2300Z, with thoughts of the drive back to the Washington, DC "burbs" uppermost in my mind.

This was my first QRPTTF, and first let me say thanks to those who copied my signal, and to AB7TT and the folks who organized and publicized Run to the Borders! I look forward to the next QRPTTF, and I WILL have a good keyer <grin>!

72/73 de K4JSI Cal Cotner

Date: Wed, 29 Apr 1998 19:49:07 EDT
From: NT1R <NT1R@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9520] Fwd: [TenTec] For Sale Argo 515 etc
Message-ID: <28cefafe.3547bc74@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;

boundary="part0_893893747_boundary"

This is a multi-part message in MIME format.

--part0_893893747_boundary

Content-ID: <0_893893747@inet_out.mail.aol.com.1>

Content-type: text/plain; charset=US-ASCII

--part0_893893747_boundary

Content-ID: <0_893893747@inet_out.mail.aol.com.2>

Content-type: message/rfc822

Content-transfer-encoding: 7bit

Content-disposition: inline

Return-Path: <owner-tentec@contesting.com>

Received: from relay24.mx.aol.com (relay24.mail.aol.com [172.31.106.70]) by
air10.mail.aol.com (v42.4) with SMTP; Fri, 24 Apr 1998 21:00:14 -0400

Received: from dayton.akorn.net (dayton.akorn.net [205.217.100.11])

by relay24.mx.aol.com (8.8.5/8.8.5/AOL-4.0.0)

with ESMTP id UAA09558;

Fri, 24 Apr 1998 20:59:57 -0400 (EDT)

Received: from dayton.akorn.net (dayton.akorn.net [205.217.100.11])

by dayton.akorn.net (8.8.5/8.8.5) with SMTP id UAA01959;

Fri, 24 Apr 1998 20:59:56 -0400 (EDT)

Received: by dayton.akorn.net (TLB v0.10a (1.23 tibbs 1997/01/09 00:29:32));

Fri, 24 Apr 1998 20:59:52 -0400 (EDT)

Message-Id: <199804250055.UAA09303@mercury.mv.net>

From: "Rob Fair" <rcfair@fair.mv.com>

To: <TenTec@contesting.com>

Subject: [TenTec] For Sale Argo 515 etc

Date: Fri, 24 Apr 1998 20:58:12 -0400

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

Sender: owner-tentec@contesting.com

Precedence: bulk

X-Sponsor: W4AN, KM3T, N5KO & AD1C

Mime-Version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: quoted-printable

For sale Argonaut 515, 206A Crystal Calibrator, 208A CW/Notch Filter,
manual.

Mint Condition. \$475 includes shipping.

Please call. Phone Calls only - no e-mail

W1XV Brad Hutton 603-224-5737

No calls after 10:30pm EDT please.
Do not call until after 4:30pm Saturday 4/25/98 cuz no one will be home.

Thanks
73
Brad

--
FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>
Submissions: tentec@contesting.com
Administrative requests: tentec-REQUEST@contesting.com
Problems: owner-tentec@contesting.com
Search: <http://www.contesting.com/km9p/search.htm>

--part0_893893747_boundary--

Date: Wed, 29 Apr 1998 16:44:52 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9521] Re: QRPTTF - DE/MD/PA
Message-ID: <Pine.LNX.3.96.980429164237.2658A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just what the heck IS QRPTTF? (As in, what does it stand for?)

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Thu, 30 Apr 1998 00:03:09 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: Conrad <radman@best.com>
Cc: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [9522] [Fwd: SG-2020]
Message-ID: <3547B1AD.53D27C44@ameritech.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----A988089C2B53A64A3E0640F9"

This is a multi-part message in MIME format.

-----A988089C2B53A64A3E0640F9

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Conrad and QRP-L.....

I sent them (SGC) Peters post and got essentially the same thing as your fax back. They do NOT feel that CW is a mode used by anyone anymore anytime! Oh, Well

-----A988089C2B53A64A3E0640F9

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from accessone.com ([198.68.191.19])
by mpdr0.chicago.il.ameritech.net (InterMail v03.02.01 118 111)
with ESMTP id <19980429190904.IVOD23657@accessone.com>
for <waltk8cv@ameritech.net>; Wed, 29 Apr 1998 14:09:04 -0500

Received: from sgcworld.com (kirk01-17.accessone.com [209.43.128.17])
by accessone.com (8.8.5/8.8.5/PIH) with ESMTP id MAA09665
for <waltk8cv@ameritech.net>; Wed, 29 Apr 1998 12:16:42 -0700 (PDT)

Message-ID: <35470C35.57733399@sgcworld.com>

Date: Wed, 29 Apr 1998 12:17:11 +0100

From: sgc <sgc@sgcworld.com>

Reply-To: sgc@sgcworld.com

Organization: sgc

X-Mailer: Mozilla 4.04 (Macintosh; I; PPC)

MIME-Version: 1.0

To: waltk8cv@ameritech.net

Subject: SG-2020

Content-Type: text/plain; charset=iso-8859-1; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: quoted-printable

X-MIME-Autoconverted: from 8bit to quoted-printable by accessone.com id MAA09665

Hello Walt,

Thanks for the email and forwarded message.

As you can imagine, we are getting some feedback regarding the Peter Zenker situation. We have prepared a few comments regarding this and some other issues that I will pass along to you. In addition, we will be posting a similar (but shorter) announcement at our website, along with some other updated information.

Regarding the recent comments by Peter Zenker... Naturally we would

like to address some issues that this =91evaluation=92 raises. We would also like to respond to the Index Labs rumor that has been spread throughout the amateur / QRP community. Hopefully this information will serve to neutralize the misinformation that seems to spread much faster than the facts.

Index Laboratories, located in Gig Harbor, WA, stopped all manufacturing and production of their QRP Plus radio sometime in 1996. SGC did not acquire Index Labs, nor has any interest or part of this company.

As a result of the closure of Index Labs, Bruce Franklin was contracted as a part of our design engineering team on a new product, the SG-2020. SGC has no other connection with Index Labs.

As you know, SGC has been designing and manufacturing HF communications equipment, primarily for the commercial market for over 25 years. As such, our primary emphasis has naturally leaned toward the SSB and data modes of transmission. Because our products are designed to perform reliably in very harsh conditions over the entire HF (1.8 to 30 MHz) bands, they have also been widely accepted and used by radio amateurs in all parts of the world.

We recognize this substantial and influential base of customers, and greatly appreciate their business and support. Obviously, there is a great deal of =93overlap=94 between the commercial and amateur markets, and our product line meets the needs of a broad base of customers.

With this in mind, it is fair to say that the new SG-2020 is representative of all products bearing the professional SGC label: (a) it is built for reliable, consistent, durable performance; (b) it was designed to be used by a broad base of radio operators; (c) it has been optimized for voice and data transmission modes.

We recognize that there are some hams who are expecting the SG-2020 to deliver unsurpassed performance in their preferred mode of operation -- QRP CW. While the SG-2020 performs very well in low power CW operation, it is also unrealistic to expect one product to completely meet every operator=92s expectations. For any HF radio to be a success it must appeal to a diverse market. For this reason, the SG-2020 (as it comes from the factory) has been optimized for voice and data modes.

However, this is not to say that there is no room for =91tweaking=92 it=92= s characteristics for maximum performance in CW. In fact, we welcome the QRP community to suggest and implement any enhancements that will improve the performance of the SG-2020. After all, isn=92t that what mos= t

hams really find most gratifying -- making a good piece of equipment even better?

Finally, please recognize that many of us here at SGC are also hams, including myself and our President, Pierre Goral, KI7UA. We are thrilled to introduce a new AMERICAN MADE product that has generated such excitement and will fill such a need among radio amateurs. With band conditions steadily improving, there will soon be thousands of hams working the world with 20 watts or less -- myself included!

I=92m sure this hasn=92t answered all your questions and concerns, but hopefully it will clear up several issues that needed to be addressed. We appreciate your willingness to convey our message to the hams that you are in contact with. We will also be posting updated information, evaluations and statements concerning the SG-2020 to our website very soon.

Thanks again for your assistance and interest in SGC equipment.

Best Regards,

Jeff Halliburton, WA7JH
Sales & Marketing Director

-----A988089C2B53A64A3E0640F9--

Date: Wed, 29 Apr 1998 17:05:15 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [9523] QRPP...
Message-ID: <3547C03B.9F9F6C5E@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

is it possible to get this issue as a 'back issue' yet...i would like to see what it's like.

MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Wed, 29 Apr 1998 20:27:26 EDT
From: wa8rxi@juno.com (Rick Arzadon)
To: ehare@arrl.org
Cc: qrp-1@Lehigh.EDU
Subject: [9526] Re: Damaged QSTs
Message-ID: <19980430.003513.4775.1.WA8RXI@juno.com>

Larry;
Had a QST damaged by rain a few months ago and E-Mailed >
circulation@arrl.org
and received a prompt reply that it would be replaced.
Within a few days it appeared at my doorstep.

72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587][G-QRP #9125][HI-QRP #32]
[FISTS #4674]

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 20:34:53 EDT
From: KF4EIB <KF4EIB@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9527] Looking over my shoulder !
Message-ID: <915f1ce3.3547c72e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Beware all QRP Fans !!!

Today, at the usual time of sun going down (daylight savings taken into account), the faithful Postal employee on (in ?) her trusty steed (Ford) arrived at my QTH.

What did my wondering eyes behold ?

My FIRST issue of QRPP in glorious protection by plastic wrap.

Then to my utter amazement I also found the FIST magazine !!!!

What, do I fear... all the planets are in alignment ?? Chickweed will forever shun my lawn, geese will fly by without a drop of evidence. Will my antenna garden (not enough wire to call it a farm) be found by some nay sayer of Radio.

I shall steel away to my shack and hide behind the doors of * DANGER LOW WATTAGE *.

Take care my QRP friends and may the Postal Service bring joy to your QTH also !!

72,

Gordon kf4eib

Date: Wed, 29 Apr 1998 20:29:11 -0700
From: LYN <designserv@ipass.net>
To: crmayer@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9528] Re: ZM-2 problem
Message-ID: <3547F007.4725A813@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Mayer wrote:

> Last month I built a ZM-2.
> I used it a few times with my 40 meter SST and my MFJ9030; it worked very
> well.
> Now, however, it has started operating erratically.
> When I tune up, it seems to null at different settings every time.
> Also, the LED dims but won't go completely out.
>
> I can't find anything that is obviously wrong.
> Has anyone else experienced similar problems with a ZM-2?

Chris,

My first thought is that you may want to confirm that it

is a ZM-2 problem instead of an antenna or lead-in problem
by trying to tune it into a dummy load.

Lyn, W4WDN

Date: Wed, 29 Apr 1998 16:35:14 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [9529] Re: SGC flap
Message-ID: <Pine.SOL.3.91.980429162332.19984A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have received several emails today wanting to know what I think about the SG-2020. I did not order one, nor will I, nor do I have any connection with SGC. I don't like to make an opinion on something I haven't seen, but I do think the "hands-on" report from Peter and the statement from SGC makes it clear the SG-2020 IS NOT INTENDED TO BE A CW RIG and I can't think of a more appropriate opinion right now other than BUYER BEWARE.

Thanks to Conrad Weiss, NN6CW, for getting a qualified response from SGC and sharing it with us.

FIRST, in this letter, he says it is *not* a CW rig THREE TIMES:

> ...our primary emphasis has naturally leaned toward the SSB and data modes

> (c) it has been optimized for voice and data transmission modes.

>For this reason, the SG-2020 (as it comes from the factory) has been optimized
>for voice and data modes.

SECONDLY, they just don't get it ... they have completely ignored CW:

>We recognize that there are some hams who are expecting the SG-2020 to deliver
>unsurpassed performance in their preferred mode of operation - QRP CW.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

What is simpler than good old CW? I just don't consider basic CW to be unsurpassed performance. Not with hundreds of QRPers out there working dozens of other QRP stations just this past weekend with lousy solar flux and a geomagnetic storm going on with a handful of NE602's and some crystals.

>While the SG-2020 performs very well in low power CW operation, ...

Excuse me, but I think this is the basic complaint that started all of this, that it doesn't work well in CW!

THIRDLY, they are telling us that they consider QRP and/or CW ops to be an INSIGNIFICANT part of their market:

```
>it's also unrealistic to expect one product to completely meet every operator's
>expectations. For any HF radio to be a success it must appeal to a diverse
>market.
```

... Except for CW I guess. So by paying little attention to the CW virtues, this makes it diverse?

```
>For this reason, the SG-2020 (as it comes from the factory) has been
>optimized for voice and data modes.  However, this is not to say that there is
>no room for 'tweaking' its characteristics for maximum performance in CW.
```

I think to expect QRPers to pay \$600 for a rig, then have to "tweak" it for maximum (or even minimum accepted CW performance) is truly obnoxious.

It's been months since I looked at the SGC web page. But didn't they brag about the fast QSK break-in and the built-in Mode-A keyer, which they finally said they added mode-B? Now that certainly implies to me it was meant to support CW!!! And to now say it is designed for "SSB and data modes" primarily is not only deceptive advertising, but outright misrepresentation.

Larry East is legendary for the work he has done on the QRP+, 38-S, etc. and I have lots of respect for his technical ability. I share his opinion that this APPEARS little more than a warmed-over QRP+ with the same old problems. It does not appear to me that any real engineering has gone into this.

If you are looking for a compact all-band SSB rig, I think it may be a fairly good buy. But if your main interest is CW, I think the handwritting is on the wall SGC has no intentions of improving the CW virtues over what they are now. As a minimum, you will have to figure out how to add your own IF filtering and/or audio filtering to make it "adequate" for CW. If they don't provide this as an option, then this means going in and cutting PCB traces or something. How many of you are up for that? I wouldn't want to hack my brand new \$600 radio trying to get it working, knowing once you do that, your warranty is history.

If the reason you sent money to SGC is for a nice CW rig, then I'd contact this guy and express your frustration in person.

>Jeff Halliburton, WA7JH
>Sales & Marketing Director

>SGC, Inc.

So I don't get accused of "taking sides," let me tell you my personal opinion of the pending K-2 rig. I think it will be farther ahead than the SG-2020 will ever be right out of the barn. It may have problems, but we all know Wayne and Eric will stand behind it and make it right. We also know how to get a hold of them for support. Last I heard, Wayne has taken time off of work to devote full time to the design effort. At least shows the sincerity to the project, and we do know a couple of K-2's **are** around.

My main reservation about the K-2 is it may end up being a far more ambitious of a kit than many are ready to tackle. But that has nothing to do with its operational ability to be a good CW rig.

This experience with SGC (a commercial company) should bring some new respect to those who **DO** support QRPing, the Wilderness Radio's, Small Wonder Labs, the NorCal kits, etc. (not meant to be a complete list!) to the fine construction articles in the QQ, QRPP, SPRAT, etc. (not meant to be a complete list!).

I don't mean to sound bitter against SGC ... but there about 2500 people on this list, many new to the hobby, that depend on what some of us say for guidance. For a year, there have been these snippits of info about what a great rig this thing will be and people have been more than patient waiting for it. Now it appears it is not suitable for CW operation. I think the company has been outright irresponsible in communicating the design goals of this rig, and as a result, have misled many. I just don't want to see anyone on this list end up with a \$600 radio they can't use on CW.

And SGC ... if you want to prove me wrong, then take Larry East up on his offer. Send him an SG-2020 and let a CW operator who has excellent technical skills and access to good test equipment check it out. Or to me. Gads, to ANYONE on QRP-L.

72, Paul NA5N

Date: Wed, 29 Apr 1998 17:42:18 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9530] QRPTTF Responses
Message-ID: <Pine.LNX.3.96.980429174051.5928B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for those who took the time to respond. I now have about 7 replies in the 30 minutes after my post, explaining what it is... ;-D

heck, I was even forwarded a copy of the rules... :D A little late for that now, eh? :D

Hopefully, I can get my little radio on the air soon. Anybody know of any on-line LM386 data sheets? :)

```
=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                http://www.dolphin.openprojects.net
```

Date: Wed, 29 Apr 1998 21:06:27 EDT
From: AC6JA <AC6JA@aol.com>
To: pharden@aoc.nrao.edu
Cc: qrp-l@Lehigh.EDU
Subject: [9531] Re: SGC flap
Message-ID: <98668c3d.3547ce94@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

well said! i guess what REALLY scared me away from the SG-2020 was their use of relays in T/R switching. presently i have the kenwood ts-570s as my main station rig but still prefer to use my Wilderness Sierra w/KC-2. the kenwood uses relays; the Sierra doesn't. diodes(transistors) sure make for smoother, quieter QSK! if i want a wide front end, loud T/R relays, and poor sidetone, i'll use my MFJ-9420 SSB/CW rig on CW! but then again, i bought it mainly for portable SSB and it was only \$200! i really do love the MFJ though. it's been in my car and truck, portable, and BICYCLE mobile, working all over the country and occasionally around the world, all with 10 watts PEP and a 20m hamstick!

72's
Mike AC6JA/qrp

Date: Wed, 29 Apr 1998 18:24:03 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>

To: rob3ert@vegas.infi.net
Cc: qrp-1@Lehigh.EDU
Subject: [9532] Re: 2N7000 basing
Message-ID: <199804300124.SAA11396@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:05 PM 4/29/98 -0400, you wrote:

>Gang,
>
>The subject line says it all. I can't find the lead connections for the
>2N7000 anywhere. Would appreciate some input.
>
>TIA
>

Check out this page <http://www.mot-sps.com/books/html/dl126_index.html>. It will lead you to an Acrobat document with what you need.

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Wed, 29 Apr 1998 20:26:08 -0500
From: John Sulllivan <kg0mz@southwind.net>
To: qrp-1@Lehigh.EDU
Subject: [9533] Re: Will be in Wichita Kansas area...
Message-ID: <3547D330.291179BF@southwind.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am going to be occupied Friday. If nothing else the Wichita Amateur Radio Club sponsors an ice cream social every Friday at 7:00 at the Braum's on West Central (just west of West Street on the South side). I don't know if you would find many QRPers, but maybe. Also, Saturday at 7:00 A.M. the WARC hosts a breakfast at 29th and North Broadway. Look for the cars with the antennas. A big crowd turns out for this.

72 de kg0mz

Larry Jones wrote:

>

> Greetings Gang...
>
> This is primarily for the guys in the Wichita Kansas area. I will be
> coming to Wichita on Friday. Should arrive there about 5-6PM. Would be
> interested in going out for a late supper with someone if anyone is
> interested. Email me direct...
>
> Later Larry N50SG
>
> Larry Jones N50SG
> Garland Tx
> email: ljones@flash.net

Date: Wed, 29 Apr 1998 20:31:01 -0500
From: peacemkr <peacemkr@wcc.net>
To: kc5tja@topaz.axisinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9534] Re: QRPTTF Responses
Message-ID: <3547D455.9C28586@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.national.com:80/search/search.cgi/design?keywords=lm386>

and might I add I found this from my <http://www.qsl.net/ka5oai>
referencespage

National Simiconductors link .. and a search on their pages .. just in case
anyone else wonders about a particular item.

(yes a shameless plug but after all that's why I'm building it .. as an
information source)

KC5TJA wrote

>
> Hopefully, I can get my little radio on the air soon. Anybody know of any
> on-line LM386 data sheets? :)

73's & GB
de
Sam KA5OAI
QRP-L #1505

San Angelo,Tx.
http://www.wcc.net/~peacemkr
work in progress:
http://www.qsl.net/ka5oai

Date: Wed, 29 Apr 1998 19:58:05 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU
Subject: [9535] Re: Query
Message-ID: <199804300158.TAA14018@rgfn.epcc.edu>

I have always equated the answer to QRL? as "no" if same is in fact not busy or if a qso has just finished and no activity exists except for the station sending the query.

--

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Wed, 29 Apr 1998 19:16:50 -0700
From: "Roy Lincoln" <wa4dou@mailexcite.com>
To: qrp-1@Lehigh.EDU
Subject: [9536] Open letter to QRPTTF Border Operations
Message-ID: <LNFPEAOPBKJFBAAA@mailexcite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I've been wondering about the border station operations during QRPTTF and i am puzzled and perplexed about the whole concept.Hope i'm not about to step on any toes

but:

1) unless you can establish beyond any reasonable doubt that your operation was from the exact point that the border exists, how can you claim that you did in fact

operate from more than one(1) state simultaneously?

2)What criteria was decided to measure if you were within acceptable limits?And who decided it? For instance-was it within 100 yds. or 1 mile, or what?

3) Appears to me that the whole concept is fraught with problems.Will those who operated from near borders, in fact send out qsl's confirming contact with several states simultaneously? And will QRP ARCI/ARRL etc., recognize these for awards?

4)Why even bother to try to operate from borders if its nearly impossible to establish precisely where the actual borders are?Certainly GPS isn't accurate enough.

I'm asking these questions because i must have missed something. This is a technical hobby and these are certainly technicalities! Last time i heard the joke, CLOSE only counted in horseshoes and hand grenades! Ha!

Could someone who catches my drift, clue me in? Thanks!

73 Roy WA4DOU QRP

ARCI#2330

Free web-based email, Forever, From anywhere!
<http://www.mailexcite.com>

Date: Wed, 29 Apr 1998 21:24:25 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9537] border question
Message-ID: <199804300224.TAA19873@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Lets not enjoy, lets call out the FBI and investigate these so called border qsls!
Ac5ez

Date: Wed, 29 Apr 1998 19:31:34 -0700
From: "Roy Lincoln" <wa4dou@mailexcite.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Larry B" <ac5ez@webtv.net>
Subject: [9538] Re: border question
Message-ID: <CKLNGMDMPGKFBAAA@mailexcite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Lets not enjoy, lets call out the FBI and investigate these so called
>border qs!s!
>Ac5ez

Larry, I think you missed my point entirely! Whats to enjoy if in fact a station cannot pinpoint their location accurately to a state border? If not, then no border operation ever took place! Therefore, there was no multistate QS0! 73 Roy WA4DOU

Free web-based email, Forever, From anywhere!
<http://www.mailexcite.com>

Date: Wed, 29 Apr 1998 21:37:51 -0500
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9539] Re: border question
Message-ID: <3547E3EB.BCE934E@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe we need a special prosecutor. Give Kenneth Starr something to do after he gets done with President and Mr. Clinton..

Mike
KA0AMA
QRP-L #1506
Galesburg, IA

Larry B wrote:

> Lets not enjoy, lets call out the FBI and investigate these so called
> border qs1s!
> Ac5ez

Date: Wed, 29 Apr 1998 21:43:35 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9540] border
Message-ID: <199804300243.TAA25011@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Next year I will be sending qs1 cards out from the Republic Of Texas.
Everyone can count them as Dx. if they wish.
Ac5ez

Date: Wed, 29 Apr 1998 19:49:11 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [9541] Manual needed for SWR meter
Message-ID: <000301bd73e2\$8f2c7320\$d708fbcf@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang, After much trouble I was able to get one of the RS digital
SWR/Power meters. It did not come with the 4 foot cable, the wall
cube was the wrong one, and the manual was missing. I was able to overcome
the first two problems and it appears to working just fine.
But I would like to have a copy of whatever manual came with this gizmo.
Would one of you fine folks out there in QRP-L land be
nice enough to copy one for me? I would be more than happy to pay

the copying and mailing costs. I made a copy of the QST review, but its just not the same. Thanks. GL es 73, Dan N1DT/6

Date: Wed, 29 Apr 1998 22:57:11 -0400
From: Bob Edwards <w4ed@flash.net>
To: wa4dou@mailexcite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9542] Re: Open letter to QRPTTF Border Operations
Message-ID: <3547E887.B3ACB806@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy Lincoln wrote:

>....i am puzzled and perplexed about the whole concept....

It's simple, a fresh new way to encourage QRP fun outdoors.
The concept was born without (or with very little) analysis
paralysis. A lot of folks had a really good time, what's
wrong with that ? If the QSL issue is really such a bad
thing, which I doubt, wait until some other event comes
along to QSL that rare SPC.

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /\
     /\ |
    /\ / | \
   /\ / E | \
  /\ /____|__\
 [\-----/
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Date: Wed, 29 Apr 1998 21:55:44 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9543] qrp
Message-ID: <199804300255.TAA28405@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Am I really running qrp, with my 5 watts to stacked monobanders on 20 at 150 feet? I feel guilty sometimes :)

Ac5ez

Date: Wed, 29 Apr 1998 22:47:00 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [9544] Dayton Room Reservations.
Message-ID: <3.0.1.32.19980429224700.0069a640@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's getting close. Almost time for the infamous Dayton WX reports!

Here is the list of who has the 80 rooms in the QRP-ARCI block of rooms. Most are confirmed with the hotel. If you are on the list and shouldn't be, let me know. If you are not on the list and should be, let me know and I'll put you on the Standby List.

This list is in color on
<http://www.geocities.com/CapeCanaveral/2844/98rooms.htm>
Didn't want to do it in color here!

Calls are sorted by Last Name. Multiple rooms are listed once.

NC8N
AC8W
WA8RXI
NN1G
K1YPP
W5JAY
WB4TAJ
WB8VGE
KA0GKC
KN6QS
WA6GER
W8IQB
WA8MCQ
KA8OKH

WD5BDX
N2JGU
WA8HDR
AC4XS
KD8XD
AD6AY
W9YA
G4WIF
N6CM
N9DD
KD8G
KI6DS
VA3JFF
N8HSC
KE7CW
W6JL
KS4V
WA8LCZ
W5RXP
AE4IC
N8ET
KB8CDD
K2UD
W7EL
WB6RVR
N5EM
N4LGH
KG8OK
K0QD
KC4MHM
K8ZYP
JR3Q0V
OHR
WA2ECP
KD8JN
WA5ABS
W2MY
G3TUX
AB0AE
N8KR
2E1DAY
N4TME
KB0YZY
WB5ZJN
W0PFR
K8FF
N8KNW
N8CQA

KA3ZOW
N4XY
AA10F
WB6RUU
PA0???
KG8IH
W8KC
K5JIN
N8AYY
W6SKG
WA9FLX
KG8SJ
W6MMA

Date: Wed, 29 Apr 1998 22:04:59 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9545] qrp
Message-ID: <199804300304.UAA01249@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Fred
I feel so guilty that I am going to take down my tower and just use a
dipole in the attic.
Ac5ez

Date: Wed, 29 Apr 1998 23:07:15
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [9546] SG-2020 - Big Disappointment.....
Message-ID: <3.0.3.16.19980429230715.3aa702ee@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

What a disappointment !! I had plans for that little radio. I cancelled my order today.

CW is my mode. Been that way for 30 years. After the review from DL land and the reply from SGC, I had no choice but to cancel..

Now what? Hope that S&S, OHR and the K2 turn out to be good. Building is more fun than buying off the shelf anyway.

If we want something done right.....we just have to do it ourselves.

I think that SGC really blew it. But I have not walked a mile in their shoes.

My 2 cents worth.

Gary

=====
72/73 de W2UX
Gary McCaughey
Lexington, SC
CW is the REAL THING!
Use it....or lose it.
QRP-ARCI QRP-L CQC
=====

Date: Wed, 29 Apr 1998 22:12:56 -0500
From: jmbrown@edge.net (JERRY BROWN)
To: qrp-1@Lehigh.EDU
Subject: [9547] QRP at the borders
Message-ID: <3547EC38.1FE8@edge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think it was marvelous for so many people to get off their duffs and go have some fun outdoors (QRPTTF). I was just sorry I couldn't make it to a border, having just come off night call at work.

Now we just need to "categorize" the proximity to adjacent borders for the QSL POLICE.

Within spitting distance is a good southern term that implies reasonable

proximity, although today, within +/- 2 GPS standard deviations should approximate the former. That still won't count for QSL's and shouldn't! I'd just like to know how close the teams made it to the targeted border and whether it was snakes or alligators or chain-linked fences that kept them at a distance. We've gotten some neat reports here already.

Really, the fun QSO's made on the QRPTTF beautiful spring day mean a lot more to me than any certificate, and I believe they should. So tell the truth for the QSL police and your conscience will stay clear.

I hope the contest planners can drum up another QRPTTF as FUN and ZANY as this one was for next year. DARN the QSLing, full fun ahead!

Thanks again to everyone who made the EVENT a happening,

72,

Jerry N4EO

Date: Wed, 29 Apr 1998 23:13:44 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: qrp-1@Lehigh.EDU
Subject: [9548] Re: Dayton Room Reservations.
Message-ID: <3547EC68.9BCFA852@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hank Kohl K8DD wrote:

>
> It's getting close. Almost time for the infamous Dayton WX reports!
>

Welllllllll,

Since you insist. It's raining. At 11 PM it's about 55 degrees. The cheese otters are safely tucked in there beds at Nils' house.

Aren't you glad you asked.

Dan WD8AAU

Date: Wed, 29 Apr 1998 23:11:34 -0400
From: macstein@cftnet.com (Mac Steinmeyer)
To: qrp-1@Lehigh.EDU
Subject: [9549] Re: qrp
Message-ID: <199804300319.XAA20862@renoir.cftnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Fred
>I feel so guilty that I am going to take down my tower and just use a
>dipole in the attic.
>Ac5ez

Not funny! I just tonight had a hard time convincing N5BT I was only running 1 watt into an attic dipole from the flat lands of FL, against his 100 watts and 3 element yagi up 65 feet outside of Ft. Worth. He made me repeat my pwr report three times after he had already given me 579. Keep your tower! I love this stuff.

-Mac-

73/72 KF4KSM Grid Sq: EL88rd
email: macstein@cftnet.com

Date: Wed, 29 Apr 1998 23:25:13 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Subject: [9550] Dayton
Message-ID: <Pine.GS0.3.96.980429231733.22037B-1000000@joxer.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The excitement is starting. We got the tickets today...finally.
Flea market spaces 747,748,749 near gate one. Now to look into the crystal ball to check out the weather.
It will be nice to have a couple days off either way.

Jason will start at MIT next year so there will be no major purchases this year. (Probably not for a few years) Compared to tuition the cost of Dayton is somewhere down in the noise.

73,

Jim N2G0
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Wed, 29 Apr 1998 20:25:52 -0700
From: Brian Kassel <bkassel@dancris.com>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9551] Re: qrp
Message-ID: <3547EF40.1F5@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry B wrote:

>
> Am I really running qrp, with my 5 watts to stacked monobanders on 20 at
> 150 feet? I feel guilty sometimes :)
> Ac5ez

Yes Larry, you are really QRP.
And yes Larry, you SHOULD feel guilty ;)

Have a gud un'

--
Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Wed, 29 Apr 1998 20:28:46 -0700

From: Brian Kassel <bkassel@dancris.com>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9552] Re: qrp
Message-ID: <3547EFEE.2704@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry B wrote:

>
> Fred
> I feel so guilty that I am going to take down my tower and just use a
> dipole in the attic.
> Ac5ez

Yes Larry, you will still be running QRP.
No Larry, you no longer need to feel guilty.

--
Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Wed, 29 Apr 1998 22:38:37 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9553] Dayton
Message-ID: <199804300338.UAA10123@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

No Fred, I wont be at Dayton. As a lowly casual amateur operator I only
attend HamCom in Arlington Tx each year. Daytons for the big boys:)
Ac5ez

Date: Thu, 30 Apr 1998 03:34:44 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [9554] Re: Dayton Room Reservations.
Message-ID: <19980430.033757.8950.4.pmk@juno.com>

Looks like I am surly going to miss out. Hope you all
have a great time. There is always next year for me.

Have fun everyone whom is going.

72 de Patrick KD4OBQ
1 watt on CW or bust

AR

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 22:46:56 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9555] HamCom
Message-ID: <199804300346.UAA12322@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Fred, I cant decide what to wear this year, busines suit or ham outfit,
you the one, ham hat, half a dozen HTs hanging off the belt, shirt
pocket full of name tags and ball point pins etc.
Ac5ez

Date: Wed, 29 Apr 1998 22:53:26 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9556] loss
Message-ID: <199804300353.UAA13743@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Pat

I have no loss going up my tower, ladder line is lossless.

Date: Wed, 29 Apr 1998 23:54:28 EDT
From: WU0L <WU0L@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9557] qrp and beams
Message-ID: <3ff8a25f.3547f5f5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Why not just run with silicon amplifiers instead of aluminum amplifiers?

Date: Wed, 29 Apr 1998 22:56:14 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9558] Level playing field
Message-ID: <199804300356.UAA14383@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I think that the playing field in this qrp game needs to be leveled. That is, all players should be required to use the same type of antennas at the same height. Only in this way can the true winners be evident.
Ac5ez

Date: Thu, 30 Apr 1998 03:25:58 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [9559] What a great little rig (Wilderness Sierra)
Message-ID: <19980430.032559.8950.2.pmk@juno.com>

Man what a great radio. I have had my Sierra for a few months now. I just got home about a hour ago and heard someone calling CQ on 20 mtrs. It was a VE3 booming in at 599++. He was using a Yaesu FT 1000MP running 100 watts (as most hams I work) and he couldn't believe I was only running one watt. He gave me a 579 rpt. even though the K8FF paddle was sticking occasionally. I never let on that I am QRP until show and tell time when we exchange rig , ant , and power output reports (or show off report hi). Just after I worked him I worked W0UFO and had a nice chat with him.

Oh yes it is a killer on 40 meters as well. I have used it on 80 , 40 , 30 , 20 , 15 , and 10 meters and always have good success and MAN what a RX on this thing. Even at 150hz it does not hardly ring at all as others will drive you nutz.

If I didn't enjoy building so much it would be the last rig I would build for a long time to come but I still have a few band modules to go.

Thanks to NORCAL for initially putting it all together and QRP Bob for kiting a very nice kit. I couldn't believe the quality control from the resistors to the enclosure that everything fit like a glove and only took 4 hours to build the board and about 4 hours to finish. It is a very good looking rig with a blue coat and baby blue face with excellent silk screening. I did get the KC-2 face as I have had the KC-2 for a few years.

If you are considering purchasing one I think you will be impressed as I was. Don't be deceived when you get a box of sandwich bags that everything is packed in.

72 de Patrick KD4OBQ

AR

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 23:03:04 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <WU0L@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9560] Re: qrp and beams
Message-ID: <001301bd73ec\$e0db81c0\$5d70d9d0@fred.ott.net>

Isn't silicon a poor radiator??

73s,

Fred Ringwald, AB0AE
fred@innocent.com
-----Original Message-----
From: WU0L <WU0L@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, April 29, 1998 11:00 PM
Subject: qrp and beams

>Why not just run with silicon amplifiers instead of aluminum
amplifiers?
>

Date: Thu, 30 Apr 1998 00:02:38 -0400
From: macstein@cftnet.com (Mac Steinmeyer)
To: qrp-1@Lehigh.EDU
Subject: [9561] re: qrp
Message-ID: <199804300410.AAA22954@renoir.cftnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doc wrote:

>Well I have worked 169 countries on 30/20/40 with QRP...most of it 2
>watts or less. This is in less than 24 months. Antenna usually the GAP
>Titan DX at 6'. Another is the HB centre-fed dipole at 28' fed with 300
>ohm window line. Tuner = ZM-2.
>So...let's hane in there and continue to go for it!

You betcha, Doc.

Bob N5BT was QRO, but he was a very patient op, Extra Class, patiently
working several of us around 7.134 with QRM/n abound. Sounded almost like
the Fox hunt at the tail end of his QSO's. His fist and QRO signal were
almost like a code practice tape!

And, Larry, I wuz just experiencing tower envy. I still need a QRP Texan to
QSL ;-))

BTW -- I want to thank all of the contributors to the Elmer 101 class,
'specially Glen, Chuck and Mike. You guys are great.

-Mac-

73/72 KF4KSM Grid Sq: EL88rd
email: macstein@cftnet.com

Date: Wed, 29 Apr 1998 22:11:29 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9562] Re: QRPTTF/LM386 Data Sheets
Message-ID: <Pine.SOL.3.91.980429220723.3688K-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, KC5TJA wrote:

> Hopefully, I can get my little radio on the air soon. Anybody know of any
> on-line LM386 data sheets? :)

>

> =====
You mean, something like this:

[QRP Tech Note Series de NA5N]
DATA SHEET: LM386 LOW VOLTAGE AUDIO POWER AMPLIFIER

Manufactured by National Semiconductor
Price range, single units: \$1.00-1.50

**** PIN-OUT ****

GAIN --(1)-| |-(8)-- GAIN
-INPUT --(2)-| |-(7)-- BYPASS
+INPUT --(3)-| |-(6)-- Vs (+V)
GND --(4)-| |-(5)-- V OUT

****FEATURES**

- * Battery operation
- * Minimum external parts
- * Wide supply voltage range:
4V-12V or 5V-18V
- * Low Current Drain: 4mA
- * Voltage gains from 20-200

LM386N 8-pin plastic DIP for 0 to 75C operation

****DESCRIPTION**

The LM386 is a power amplifier designed for use in low voltage consumer applications. The gain is internally set to 20 to keep external parts count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value up to 200. The inputs are ground references while the output is automatically biased to one half the supply voltage.

****ABSOLUTE MAXIMUM RATINGS**

	LM386-1,-3	LM386-4
Vcc Max. operating voltage	+15v	+22v
Vin Input voltage	+/- 0.4v	+/- 0.4v
Pd Power dissipation	660mW	1.25W
Ta Operating temperature range	0C to +70C	0C to +70C

****AC/DC ELECTRICAL CHARACTERISTICS** at Ta=25C, Vcc=6v

	LM386-1,-3	LM386-4
Vs Operating supply voltage	4-12v	5-18v
Iq Quiescent Current at Vs=6v	4-8 mA	4-8 mA
Pout Output power	LM386-1 250- 325 mW typ; Vs=6v RL=8 ohms LM386-3 500- 700 mW typ; Vs=9v RL=8 ohms LM386-4 700-1000 mW typ; Vs=16v RL=16 ohms	
Av Voltage gain, Vs=6v f=1 KHz	26 dB typ, pins 1-8 open 46 dB typ, 10uF from pin 1 to 8	
BW Bandwidth Vs=6v	300 KHz (pins 1 and 8 open)	
THD Total Harmonic Distortion	0.2%	
Rin Input resistance	50K	
Ib Input Bias Current	250 nA, Vs=6v, pins 2 and 3 open	

GAIN CONTROL

To make the LM386 more versatile, two pins (1 and 8) are provided for gain control. With pins 1 and 8 open, the 1.35K internal resistor sets the gain at 20 (26 dB). If a capacitor is put from pin 1 to 8,

bypassing the 1.35K resistor, the gain will go up to 200 (46 dB). When using the LM386 with higher gains (external cap on pins 1 and 8), it is necessary to bypass the unused input, preventing degradation of gain and instability. This is done with a 0.1uF capacitor or a short to ground depending on the dc source resistance on the driven input.

**DESIGN NOTES (From personal experience)

1. Almost an undestructable device; wire it up and it works.
 2. For proper operation with stability, I recommend:
Ground pin 2 (+IN) and capacitively couple to pin 3 (-IN); bypass pin 7 with 0.1uF cap to ground; to drive Lo-Z speaker/phones, connect 33-100uF cap, +side to pin 5, -side to 1K or less pot to ground; run speaker/phones directly off of driver.
 3. Avoid using "volume control" on input; messes up biasing and can cause oscillation.
 4. Without proper bypassing/coupling, device can oscillation >100 KHz; not audible, audio mushy or "ringy," but if you're using the LM386 for audio derived AGC, the AGC voltage will be meaningless.
-

72/73 de NA5N (pharden@nrao.edu)

Date: Wed, 29 Apr 1998 23:12:19 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9563] Confused
Message-ID: <199804300412.VAA17765@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Guys, Im confused and puzzled abt this qrp stuff, Is it a competition or is it just having fun with ham radio? If its competition , where is the rule book I cant find mine.

Ac5ez

Date: Thu, 30 Apr 1998 04:16:52 +0000
From: Charles Olson <jacksonharbor@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [9564] OT - Seattle Filmworks
Message-ID: <19980430041643.AAD11971@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Seattle Filmworks used to post one's photo's for password

>on floppy disk. But they are proprietary with their film.

>On Tue, 28 Apr 1998, Lageson's wrote: <snipped>

>> Thanks Larry....the film that was in my camera was from "seattle filmworks"

>> and only they can process it so it will be awhile before I get the photos

Stephen & Jim -

FYI, Seattle Filmworks film can be processed successfully by other labs - I use it with Clark Color Labs - the pictures on my web site were taken on Seattle Filmworks 200 film and processed by Clark.

Best Regards,

Chuck

Chuck Olson
WB9KZY
Jackson Harbor Press
Washington Island, WI
jacksonharbor@worldnet.att.net
<http://home.att.net/~jacksonharbor>

Date: Thu, 30 Apr 1998 00:26:36 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: ac5ez@webtv.net
Cc: qrp-1@Lehigh.EDU
Subject: [9565] Re: Confused
Message-ID: <ba6e3908.3547fd7d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

In a message dated 98-04-30 00:19:02 EDT, you write:

<< Subj: Confused
Date: 98-04-30 00:19:02 EDT
From: ac5ez@webtv.net (Larry B)
Sender: owner-qrp-1@Lehigh.EDU
Reply-to: ac5ez@webtv.net
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)

Guys, Im confused and puzzled abt this qrp stuff, Is it a competition or is it just having fun with ham radio? If its competition , where is the rule book I cant find mine.

Ac5ez

To me,I think I would refer to qrp operations as a very good skill.
I also feel that useing a beam to work qrp is cheating.
Qrp was meant to be able to operate with a cheap little rig,some wire for an antenna and a battery if out in the field.
To hook up a \$150.00 rig to a beam mounted on top of a 65 foot tower is no longer(to me) considered qrp

Bob

WA2HOQ

Date: Wed, 29 Apr 1998 23:33:03 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9566] qrp
Message-ID: <199804300433.VAA22250@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Your right Bob, thats why I say we need a level playing field to determine who is really qrp and who isnt . Beams and towers should be banned for qrp consideration, Wie antennas only, well maybe:)

Ac5ez

Ps Just think, right now folks just have to take ur word that ur qrp.
What ever happened to rules and regulations?

Date: Thu, 30 Apr 1998 04:45:29 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9567] Re: qrp
Message-ID: <3547F3D9.332E1568@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Ps Just think, right now folks just have to take ur word that ur qrp.

Not really, Just snap on the black box and go from <5 watts to
>1500 watts. After their ears quit bleeding they will be a believer.

Peter
VE6NA0/QRP (yeah right you are)

Date: Thu, 30 Apr 1998 04:51:07 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9568] Re: Level playing field
Message-ID: <3547fa72.425717366@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Wed, 29 Apr 1998 22:56:14 -0500, ac5ez@webtv.net (Larry B) wrote:

>I think that the playing field in this qrp game needs to leveled. That
>is ,all players should be required to use the same type of antennas at
>the same height. Only in this way can the true winners be evident.

Then you have entirely missed the point. The object is not to beat =
everyone
else, the object is to be the best *I* can be.

To some, like me, that means optimizing antennas (including compromise
antennas!). To others it means being able to operate with a battery and =
wet

noodle from a mountain top. Others enjoy the challenge of designing =
equipment
with a noise floor so quiet you can hear DX without an antenna hooked up.=
for
me, the enjoyment is in "putting little dBs into the RF, and seeing if =
anyone
catches them." (to quote a friend of mine).

I'm not sure if your messages, frequent as they are, are sarcastic or =
serious.
Emotions, inflections, and body language do not translate well on this =
medium.
Sarcasm is best served sparingly, as it can easily be misinterpreted. =
And, if
you are serious in your comments, then I suggest that you lighten up, and=
have
fun! It's a hobby ... It's only a hobby ... It's only a hobby ...

Besides, the moment I let somebody else dictate *my* fun is the day I =
need a
new hobby. And guilt is *certainly* not part of fun, at least not *my* =
fun.

But, then again, I'm a curmudgeon.

Date: Thu, 30 Apr 1998 00:59:43 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9569] RE;radio shack meter manual
Message-ID: <52681539.35480540@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In the last few weeks,I have helped all I could from this end with the RS sale
items.

After running my calcuations,gas,toll calls,postage higher then I was quoted
etc,I came in at \$37.87 loss out of my pocket.

No problem,my fault but I was still happy that I was able to help out.

Now i'm being mail bombed for the manual for the RS meter.

If you need it "E" mail me and the cost to reproduce are below

10 cents per page @ 7 pages X 2 = \$1.40

Large envelope

.60

postage .75
Total is \$2.75
I'll wait for 1 week then make all the copies needed,stuff them,mail them all
in one shot.
After that,i'm out of it.
It really turned into a monster so you guys/gals that need it,you have a week
to send your address
Bob
WA2HOQ

Date: Wed, 29 Apr 1998 23:01:07 -0600
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
To: qrp-1@Lehigh.EDU
Subject: [9570] QRPTTF Report
Message-ID: <3.0.3.32.19980429230107.0069fcdc@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, so I'm a bit late - I've been busy. Finally got around to looking at
and checking the log. From NM/TX/XE2 I had 32 QSOs, 235 QSO pts, 24 SPCs,
I worked from the field with emergency power and a temporary antenna, and I
was at 3 borders. That tallies up to:

$235 \times 24 \times 4 \times 3 = 67,680$ points.

Rig was QRP+ at < 5 watts to Hamstick antenna up on tin roof. Used the
CMOS II keyer (for memory) and a Hi-Mound iambic paddle.

I'll never forget Doug, KI6IDS, getting patted down by the POLICIA on the
Mexican side of the borders (that's plural), nor the Federales riding
around on horseback, or the multitude of Border Patrol officers checking in
on us, or the video camera looking at us from across the river. It was a
real fun time with Paul, Doug, and Bob and Bertie. Thanks guys!

Tim K50I

p.s. QSLs for the contacts will be issued upon request. If you don't
believe I was at the specified borders, don't ask for a qsl. There, that
solves that non-problem!

Date: Wed, 29 Apr 1998 22:08:26 -0700
From: "Andreas Junge" <andreas@atltech.com>
To: qrp-1@Lehigh.EDU
Cc: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [9571] Re: qrp and beams
Message-ID: <005d01bd73f6\$027c6de0\$3ad256ce@andihome.atltech.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But it makes great amps !

72, Andreas, KF6NEB

-----Original Message-----

From: Fred Ringwald <fred@innocent.com>
Date: Wednesday, April 29, 1998 9:05 PM
Subject: Re: qrp and beams

>Isn't silicon a poor radiator??

>

>73s,

>

>Fred Ringwald, AB0AE

>fred@innocent.com

>-----Original Message-----

>From: WU0L <WU0L@aol.com>

>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>Date: Wednesday, April 29, 1998 11:00 PM

>Subject: qrp and beams

>

>

>>Why not just run with silicon amplifiers instead of aluminum
>amplifiers?

>>

>

>

>

Date: Thu, 30 Apr 1998 01:18:27 -0400
From: Ed Tanton <n4xy@att.net>
To: ac5ez@webtv.net

Date: Wed, 29 Apr 1998 22:19:35 -0700
From: Bill Todd <bill@willapabay.org>
To: lewise@inetport.com
Cc: qrp-1@Lehigh.EDU
Subject: [9573] 10 METERS THIS WEEKEND
Message-ID: <1.5.4.32.19980430051935.0071ed98@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You Bet -

Yet, I am sure there will be a bunch of folks listening down around 28.060 too, so I will probably hang out there.

The problem with 10 meter CW is that the band is often open, but no one is down on the bottom of the band. I often hear CW up around 28340 or so.

CU on 10 this weekend!
Bill-N7MFB

<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Thu, 30 Apr 1998 00:27:48 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [9574] Qrp
Message-ID: <199804300527.WAA02590@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Yes, I have joined every qrp club i could find, Ive got more numbers than some one on welfare (where is that Kiddlehopper number??) , am I a real qrper now?
Ac5ez

Date: Thu, 30 Apr 1998 00:07:23 -0600
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9577] Japanese BUG
Message-ID: <06063405702381@cnnnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello QRPers.

I just found an old Japanese Bug called a "SWALLOW" in an old box of junk, and I was wondering if anyone would know the vintage of this semi-automatic key. The metal plate attached to the side of it shows it was made in Tokyo, Japan, by a company called Dentsu-Seiki. K.K. The model is a BK 50. After a good hour of scrubbing and polishing, and adjustment of all the moving parts, it seems to be working fine, and should make a fine addition to the QRP station. Anyone know anything about this BUG. Just curious what I have here.

Best 72/73, AL, VE6BPR.....sk
ve6bpr@cnnnet.com

Date: Thu, 30 Apr 1998 02:17:11 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [9578] 3d2hi on 30 meters now!!
Message-ID: <199804300617.CAA27422@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just worked 3D2HI on 10.105 at 0558z with 3 watts.
QTH is Fiji.
He is begging for QSo's. Give him a try if you can
hear him. QSL via JA1KJW

72, Scott w3cv

Date: Thu, 30 Apr 1998 00:31:00 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9579] Next NorCal Project Announcement
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The next NorCal club project will be announced Friday evening, May 15th at Dayton after the QRP Banquet in the hospitality room of the QRP Suite. We will be doing it after the Vendor night happenings, so please plan on attending. Working prototypes will be there, and you will be able to touch and feel all you want. The designer and project team members will also be in attendance and will attempt to answer any and all questions. If you can't make it Friday night, the new NorCal project will be at the G-QRP/NorCal booth in the QRP Corner of the Exhibit Hall all day Saturday, and will be back at the Hospitality Suite Saturday night.

And guys, that is only 2 weeks from this Friday!!

Oh, and thanks to Dan Pucket for the Dayton Weather announcement. I was dying to know. See all of you in 2 weeks. 72, Doug, KI6DS

Date: Tue, 03 Oct 2017 06:18:08 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [9580] Re: 3d2hi on 30 meters now!!
Message-ID: <59D38E10.D95@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Talk about QRP power! W3CV makes an brief "spot" announcement and N6MM, WA1QVM and K5OI give the 3D2HI three QRP QSOs in a row, and I suspect others may have been before me. TKS Scott. - 73, Harvey, N6MM.

Date: Wed, 29 Apr 1998 23:38:33 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9581] Re: qrp
Message-ID: <Pine.SOL.3.96.980429233811.11485D-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, Larry B wrote:

> Am I really running qrp, with my 5 watts to stacked monobanders on 20 at
> 150 feet? I feel guilty sometimes :)
> Ac5ez

You bet!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 30 Apr 1998 02:43:49 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [9582] TI5NW on 20 meters now!
Message-ID: <199804300643.CAA29877@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The bands are still opened!

TI5NW is on 14.009 at 0640z 599 in Md.
QSL via yours truly, W3CV

72, Scott w3cv

Date: Thu, 30 Apr 1998 01:03:22 -0600 (MDT)

From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [9583] QRPTTF Borders "Rule Book"
Message-ID: <Pine.SOL.3.91.980429225811.5969A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is not meant to be sarcastic, but to perhaps clarify the intentions of QRPTTF and related QRP activities. Maybe we do need a rule book since there does seem to be some confusion on all of this.

Several have posted how the borders theme was invented over a campfire at the Ft. Tuthill hamfest. I was there, and that is the absolute truth. A bunch of QRPers brainstorming on HOW TO HAVE SOME FUN. Yes, having fun is number one, competition number two. But we realize there are QRPers with that type-A personality where competition is number one. So we searched for a gimmick to try and satisfy both. Choose your weapon. And I think the end result was rather successful in having fun and good competition.

Some of the "rules" we were striving for:

1. QRP TTF means "To The Field." Obviously, let's try to encourage people to do that, and award those who do with multipliers.
2. LEVEL PLAYING FIELD. I'll venture to say that those who went to a state border with a NorCal 40 and a wet noodle out-scored the guy who stayed at home and used his beam antenna.
3. FUN. How many guys went to a state line, (with their NorCal 40 and wet noodle), worked 30-40 stations and walked away with >50,000 points? Kinda FUN, wasn't it?
4. QRP FELLOWSHIP. Much of the fun of QRP TTF is spending quality time with your radios AND YOUR FRIENDS. It was to encourage QRPers to buddy up with their friends, travel, campout, etc. and have some fun.

>>I drove several hours to El Paso; Bob and Bertie Hightower drove forever to get to El Paso; Doug Hendricks flew in from CA. Tim drove, well 30 minutes to El Paso :-). Why? To spend 6 hours on the air together? Heck no ... it was the 2-3 days of fellowship with friends that went with it. And from the posts I have read, most of the others have figured that out too.

5. THERAPY. We all need to "get out of Dodge" once in awhile to blow off steam, forget about work, the kids, El Nino, whatever. Some people let their hair down in a bar; some through QRPing; some maybe both :-). QRPTTF is the excuse to do it.
6. QRP is a >>HOBBY<<. Nuff said.
7. Work some rare states and a few new SPC points. And it worked. Putting 2-3 states on the air simultaneously was PRIMARILY for the contest purposes. Whether or not QSL's will be accepted for WAS is a matter between you and the ARRL, not NorCal.
8. It's tax deductible.

9. EXPERIENCE. An event like QRPTTF teaches you how to organize your gear, erecting antennas, seeing how your rig works, etc. We learn from our mistakes to make it easier/more effective next time. On the air ... teaches you procedure, logging, and ... to work on your code speed if you need help with that. Has it helped anyone yet?
10. GET ON THE AIR. Frankly, if it wasn't for things like QRPTTF, there are a bunch of QRPers who would seldom get on the air. So it's a big excuse to force us on the air if work or family has prevented it lately.

A FEW QUESTIONS ABOUT QRPTTF:

1. WERE THE BORDER CONTACTS *LEGAL*? Absolutely, positively YES, YES, YES. Why? ILLEGAL means you broke a law that brings criminal action if you break it. When we get on the air, OUR ONLY obligation is to operate in conformance to the LAWS of the FCC. Period. The FCC doesn't care where you operate, providing it is within their jurisdiction. I didn't break any laws, did you? (Well except for that little chain saw incident). Must have been legal then.
2. HOW ABOUT THE ARRL? We contacted the ARRL several times for clarification on how to properly QSL, how close is close, etc. The answer was "you can't do that" and "you must have a QSL from each state, and indicate if it was a portable contact if the state worked is different than the state printed on the QSL." I believe we were in conformance with those guidelines. If you see it different, we understand.

>> The PRIMARY goal of the border theme was for the NorCal QRPTTF purposes, not the ARRL. While we tried to obtain clarification, we can't guarantee the QSL's will be accepted. Hopefully they will be through proper documentation (like the contest results in QRPP, providing a photo, etc.) It was NOT the intent of the border theme to challenge the ARRL. There was not an ARRL advisor at the camp fire that night :-)

3. HOW DO I KNOW YOU DIDN'T CHEAT? First, I think the testimonies on QRP-L are more than enough proof that the operations occurred as stated. Plus I'm sure many took photos, got a GPS "waypoint," nailed by the Border Patrol, etc.

>> How do you know that DXCC guy wasn't running 5kW?
>> How do you know that FD station didn't set up a WEEK early?
>> Ever hear a DXer bust a pileup, then go up 10KHz to ask "who did I work?" Was that an honest contact?

Most people are inherently honest. Let's assume that. If you have reason to believe someone WAS cheating, then by all means, remove his contact points from your log and don't QSL him then.

I had NO problem with the honesty or ethics of this contest. If your

conscience is different, then don't participate. We understand.

And if you have any ideas for next years twist to QRPTTF, a different exchange or scoring gimmick, then PLEASE let me, Joe AB7TT or Doug KI6DS know about it. Or come to the campfire at this years Ft. Tuthill hamfest! Our ONLY true goal is to sponsor fun. I apologize to anyone who thinks our motives were any different.

72, Paul NA5N

Date: Thu, 30 Apr 1998 00:07:35 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9584] Re: Level playing field
Message-ID: <Pine.SOL.3.96.980429235928.11619B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, Larry B wrote:

> I think that the playing field in this qrp game needs to leveled. That
> is ,all players should be required to use the same type of antennas at
> the same height. Only in this way can the true winners be evident.
> Ac5ez

They already have that. First it was called Dr. DX and worked with a C64 and now the new craze is RUF (or something like that).

The power is all the same. The antenna is the same. The conditions are the same.

However, I'll bet that when people see that the top scores involve speeds of over 100 wpm they will find something to cry about!!

There is a contest done on the air where a number of stations in the same area have the same antennas at the same height. All operators work to beat each other.

Great idea. Works good. Done during one contest every 2 years!!

There just isn't any such thing as even!!

QRP is only a measure of power. Everything else is just how we each

chose to have fun!

I'm having so much fun that I'm gonna postpone the list and go to Houston for a few days!! :-)

And who was that that was talking about a yagi for \$150?? I'd like to find some of those!! The good ones start at an order of magnitude higher than that! Unless you want one for the low bands and they are expensive..... :-)

Enjoy.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 30 Apr 1998 03:31:48 -0400
From: joel malman <malman@world.std.com>
To: n6mm@earthlink.net
Cc: qrp-l@Lehigh.EDU, malman@world.std.com
Subject: [9585] "3d2hi on 30 meters"
Message-ID: <199804300731.AA18653@world.std.com>

Harvey,

> Talk about QRP power! W3CV makes an brief "spot" announcement and N6MM,
> WA1QVM and K5OI give the 3D2HI three QRP QSOs in a row, and I suspect
> others may have been before me. TKS Scott. - 73, Harvey, N6MM.

Yep 3D2HI was just something I had to try for 4 watts
and my G5RV made it, what a great QRP catch. Anyone know what his
QSL manager is ?

/joel wa1qvm (Concord, Mass)

Date: Thu, 30 Apr 1998 01:50:40 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: joel malman <malman@world.std.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9586] Re: "3d2hi on 30 meters"
Message-ID: <Pine.SOL.3.91.980430014437.5969E-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, joel malman wrote:

> Harvey,
> > Talk about QRP power! W3CV makes an brief "spot" announcement and N6MM,
> > WA1QVM and K5OI give the 3D2HI three QRP QSOs in a row, and I suspect
> > others may have been before me. TKS Scott. - 73, Harvey, N6MM.
>
> Yep 3D2HI was just something I had to try for 4 watts
> and my G5RV made it, what a great QRP catch.

You guys aren't playing fair. You should have backed off and let those
guys with the beams and amps work em first.

Well, we now know that W3CV, N6MM, WA1QVM, K5OI and NA5N are the official
QRP-L "after dark" chronic night-owls.

But not for much longer for me ...

Date: Thu, 30 Apr 1998 06:41:11 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9587] Re: loss
Message-ID: <Pine.GSO.3.96.980430063602.10199B-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, Larry B wrote:

> Pat
> I have no loss going up my tower, ladder line is lossless.

Unfortunately, this is not quite so. Ladder line is very low loss, but

not lossless. In fact, the losses are about the same as 3/4" hardline with inert gas filler. Cost difference, of course. Common coaxes are lossier--exact degree depending upon type. Smaller diameter coaxes generally mean higher losses per foot. But there are new breeds of 1/2" coax (actually 0.403" dia) that are very good, but again, costlier.

At the lowest ham bands, the actual power loss for reasonable runs of relatively well matched feedlines are not significant. They grow more significant as we go up in frequency using the same line.

However, for a multi-band doublet, use parallel feeder, since it operates mismatched but tuned rather than matched.

-73-

LB, W4RNL

```

L. B. Cebik, W4RNL      /\  /\      *  /  /  /      (Off)(423) 974-7215
1434 High Mesa Drive   /  \/  \/      ----/\---- (Hm) (423) 938-6335
Knoxville, Tennessee /\  \  \  \  /  /  ||  /      (FAX)(423) 974-3509
37938-4443 USA         /  \  \  \  \      ||      cebik@utk.edu
QRPARCI 2572 G-QRP 7203 CQC 125 NEQRP 347 NORCAL 1111 MIQRP 1432
NWQRP 401 ARRL Life: Technical & Educational Advisor 10-10 41159
QCWA 13211 scQRP 28 AK/QRP 343 CW Ops QRP Club (VK) 476 FISTS 2600
http://funnelweb.utcc.utk.edu/~cebik/radio.html

```

Date: Thu, 30 Apr 1998 07:01:24 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-l@Lehigh.EDU
Subject: [9588] playing field
Message-ID: <199804301101.HAA12556@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There ought to be some way to level things out a bit.

For example, there is a guy north of me with four ("4") huge towers, monobanders about 70 feet long for each band. I don't think he does qrp, but if he did, he wouldn't be qrp any more, he'd probably have an ERP of 100 watts or so.

If you're in a contest, I should say that's an unfair

advantage over my R7000. I dislike contests, so I don't care.

How about using a simple dipole as the standard contest antenna? This will be a big hit. And I mean for all contests, not just specialized ones.

73 Jerry builder of the famous lead balloons.

(w8gnd)

Date: Thu, 30 Apr 1998 07:04:21 -0400
From: wd4nak@juno.com
To: qrp-1@Lehigh.EDU
Subject: [9589] YH-88 C
Message-ID: <19980430.070422.14518.0.wd4nak@juno.com>

Hello every one I am look for a Kenwood YK-88 C CW crystal filter , If you have one and you are not using it please let me know what you will take for it . Thank you.

Charles wd4nak

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 07:13:48 EDT
From: Bensondj <Bensondj@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9590] SW40+ and Y4 grounding
Message-ID: <176db367.35485cf0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

gang-

on Mon, 27 Apr 1998, gsurrency@juno.com (Gary L Surrency) wrote:

>>To: qrp-1@Lehigh.EDU

>>Subject: [9295] Elmer101 - SW40+; Y4 grounding and stuff

>>In credit to NN1G, I too had reservations about this until I experimented and found it to be OK. Always correct to err on the side of caution, you know.

Dave mentioned that you should not ground the BFO crystal Y4, since it might alter the BFO offset and require changing some caps in the BFO circuit. Well, I *did* ground Y4 in mine, and I noticed practically no change in audio tone while tuned to a CW signal, or the monitored CW sidetone. So if you want to extend the grounding lead over to Y4 from the three crystals in the IF filter, try it and see if it makes any difference. I wanted the ground wire on all four crystals because it reinforces them mechanically, they are close to one another, and frankly - it just looks better. :-)<<

.... <snip>

Thanks for the feedback, Gary. It sounds like a good mod, and one which I simply hadn't had a chance to investigate. :-)

73, Dave- NN1G

Date: Thu, 30 Apr 1998 07:14:51 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>, Laurel ARC <larc-1@webtrek.com>, eax@w3eax.umd.edu
Subject: [9591] Still got a bunch of them RS wire antennas...
Message-ID: <Pine.LNX.3.95.980430071340.9067C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I bought 38 or so of them...I still have something like 26 left.

Had to drive 70 miles to get them and a few other things.

\$4.75 each, plus shipping if necessary, USPS whatever.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 30 Apr 1998 07:42:53 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: "Jerry W. O'Dell" <psyodell@mail.provide.net>
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [9592] Re: playing field
Message-ID: <Pine.LNX.3.95.980430073002.90670-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Of course, where's the premium on building a better station?

Every year, the U of Maryland gets our butts kicked by Penn State (again, even though we don't play football against 'em since they joined the Big Ten, which is now like 11 or 12) in Sweepstakes.

We run 100 watts, they merely 5, yet they ALWAYS wipe the floor with us.

How does this happen?

WE have a 6 element tribander that, looking west, is 100' above the ground. We've also got a trap vertical at 70 feet.

THEY have stacked 10, 15, and 20 meter monobanders on several towers reaching heights of nearly 200 feet, and long wires on the low bands.

For example, on 20, they have 6 over 6 over 6 optimized for 20

We have just six, of which three are on 20m

On top of that, UMCP is 250' ASL. Penn State is at about 1500' ASL.

So anyway, what are contests for anyway? They are a test of YOUR skills and YOUR equipment and YOUR ability to make contacts in whatever arena you've chosen. I firmly believe that skill will, however, only get anyone so far...for instance, I may be a damned good CW op, and may someday work 700 Qs during Sweepstakes from the U of MD club.

However, if I were to be at home, with my dinky antennas, I'd be thrilled to work 350 Qs. Were I to be able to commandeer W3LPL's superstation for a QRP Sweepstakes, I could probably work 1,500 Qs over the period.

If it were not for the quest to do better, there would be no place for contesting. It drives us to build bigger and better and MORE EFFICIENT stations, but more importantly for those of us who enjoy it, we drive OURSELVES to become better operators as a result.

For instance, I was thrilled to have scored 10% higher during Sweeps than I did last year, at the U of MD station. Sure, I'd have loved to win it, but with no baseline, if I'd changed cennues, how could I possibly tell if I personally had gotten better?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

On Thu, 30 Apr 1998, Jerry W. O'Dell wrote:

> There ought to be some way to level things out a bit.
>
> For example, there is a guy north of me with four
> ("4") huge towers, monobanders about 70 feet long
> for each band. I don't think he does qrp, but if
> he did, he wouldn't be qrp any more, he'd probably
> have an ERP of 100 watts or so.
>
> If you're in a contest, I should say that's an unfair
> advantage over my R7000. I dislike contests, so
> I don't care.
>
> How about using a simple dipole as the standard contest
> antenna? This will be a big hit. And I mean for all
> contests, not just specialized ones.
>
> 73 Jerry builder of the famous lead balloons.
>
> (w8gnd)
>
>

Date: Thu, 30 Apr 1998 06:54:20 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9593] Output power
Message-ID: <199804301154.EAA05708@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

As a qrp challenged amateur , I need advise from the more capable

experts out there.

I need something to measure the output pwr at the qrp level, with decent accuracy, something better than the meter on the Heathkit 2026a Im using now.

Ham Coms coming up in June and I will be at the flea market. What do I need to look for?

Larry Ac5ez

Date: Thu, 30 Apr 1998 06:13:57 -0600
From: "Phil, K6LS" <k6ls@prolynx.com>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9594] Re: Output power
Message-ID: <35486B05.9836B26E@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The HP432a is a good option, but price wise, the Oak Hills Research WM-1 or WM-2 does a pretty decent job.

73 de Phil, K6LS

Date: Thu, 30 Apr 1998 07:07:47 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@Lehigh.EDU>, "MNQRP" <mnqrp@qth.net>
Subject: [9595] Gopher Hunt!
Message-ID: <003f01bd7431\$8ec90480\$a30a5e2c@groucho>

The Minnesota QRP Society, in conjunction with our regular meeting, will be operating a "GOPHER" using the call WQ0RP from about 17:00z to 21:00z this Saturday May 2nd. We have an event every year where members bring there equipment and antennas and we "blow out the winter cobwebs" and get a chance to see the other guys winter projects.

Can't tell you which bands we will be on and the actual on the air time may be spotty so this is going to be a real tough hunt. If you do find us and send

us the code word in your QSO we will send you a colorful "Gopher Hunt Certificate" (Pelt !?) in exchange for your QSL Card! Please try to work the code word into the conversation so as not to let on to those listening. And now the code word.....hmmmmmmm,

Supercalifr..... ;-) no no that wouldn't be good, how about "garden" yeah that's it, springtime "garden" will be a good code word.

QSL should be sent to:

MNQRP c/o Claton Cadmus KA0GKC
3985 Alabama Ave. So.
St. Louis Park, MN 55416

Good luck finding us, if you can!

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Thu, 30 Apr 1998 08:09:05 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [9596] QRP Banquet registration
Message-ID: <Pine.LNX.3.95.980430080731.9067V-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We're now at 175, with two weeks to go.

35 prize donors have been identified.

That's a big bunch...

I've got three large boxes full of stuff to give away as prizes.

I am very, very much looking forward to this!

BEST OF ALL, DAYTON IS ONLY 14 DAYS AWAY!!!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 30 Apr 1998 07:14:21 -0500
From: Dan Copeland <dcopeland@wnn.net>
To: RangerSF5@aol.com, qrp-l@Lehigh.EDU
Subject: [9597] Re: Confused
Message-ID: <12100218726365@wnn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

According to "The ARRL Handbook" (which we all know is like talking to God...:-))

" QRP - An abbreviation for low power". I may be stupid but I don't see where it says " only when using a poor antenna".

Sure is funny how all of these other "non-rules" pop up.

To AC5EZ, To most of us it is having fun!!

> Guys, Im confused and puzzled abt this qrp stuff, Is it a competition or
> is it just having fun with ham radio? If its competition , where is the
> rule book I cant find mine.

> Ac5ez

>

>To me,I think I would refer to qrp operations as a very good skill.

>I also feel that useing a beam to work qrp is cheating.

>Qrp was meant to be able to operate with a cheap little rig,some wire for an
>antenna and a battery if out in the field.

>To hook up a \$150.00 rig to a beam mounted on top of a 65 foot tower is no
>longer(to me) considered qrp

>Bob

>WA2HQQ

>

Daniel Copeland KF00V

dcopeland@wnn.net

QCWA Webmaster* ARRL-life member* QRP-L 1004
Norcal 38S, MFJ 9040, OHR 100A/20

<http://www.teleport.com/~qcwa> | <http://www.dcopeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Thu, 30 Apr 1998 08:25:21 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [9598] SG-2020
Message-ID: <61184F6C1EF9D0119A6300609798EA46A209FE@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

Well it's time for my 2 cents. I have studied the 2020's block diagram and it is indide

Date: Thu, 30 Apr 1998 08:25:59 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9599] Re: Still got a bunch of them RS wire antennas...
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, Scott Rosenfeld [NF3I] wrote:

```
>
> I bought 38 or so of them...I still have something like 26 left.
```

You could string them all up in a wire-Yagi configuration and compete (unfairly) in the next ORP contest with them. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 30 Apr 1998 07:33:08 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [9600] qrp and beams... serious reply... :-)
Message-ID: <199804301233.HAA29901@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang

I think someone has raised a verious serious question here... Why add a beam to qrp?

well I can tell u why I do that...

With the beam I can hear a lot of stations I can't with a dipole... and more consistantly... does what a pre-amp can't do...

A beam also lets me talk with more signal strength to a desired direction... Kinda lets me squeeze all the juice out of the orange.. :-)

It, a beam, makes my four watts much more effective and little or no strain for the receiving station to copy me... Basically I can treat my 4 watts to the feeling of being twenty or more, depending on the beam... and, if I want, I could go to milliwatt levels and still get more distant stations more consistantly... with the beam...

I'm here to communicate without straining the receiving station and I can do that at four watts... even better with a beam... kinda like a flashlight makes a little light a whole lot brighter- in one direction_- without using up ur batteries any faster...

Even a kw amp, silicon or tube, is useless without a decent antenna... the antenna makes or breaks the station when consistant reliable operation is desired...

my station an't broke... :-)

Joel in maine "trying to get out"

God Bless

Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
2 element yagi on 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Thu, 30 Apr 1998 08:34:33 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9601] Re: playing field
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, Scott Rosenfeld [NF3I] wrote:

>
> For instance, I was thrilled to have scored 10% higher during Sweeps than
> I did last year, at the U of MD station. Sure, I'd have loved to win it,
> but with no baseline, if I'd changed cenus, how could I possibly tell if
> I personally had gotten better?

Now there's the bottom line. Congratulations! You won! You beat
(improved) yourself. Of course, propagation from contest to contest must
also be factored in... In every contest I enter, I keep last years log by
my side so I can compare my progress. Gives you a better feel for when you
should be changing bands, beam headings, etc. Also tells you if you learned
anything from the previous contest...

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 30 Apr 1998 08:42:04 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9602] SG-2020
Message-ID: <61184F6C1EF9D0119A6300609798EA46A209FF@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

Time for my 2 cents worth. I have studied the SC-2020's block diagram
and it is very much like the QRP ++....that is a single conversion
receiver with a high IF (60 MHz) and most of the selectivity coming from
the SCAF audio filter. The AGC is derived from the filtered audio.
Using a high first IF is very common these days in receiver design as it

makes getting rid of images an easier task, but most other rigs also have at least a second IF of a considerably lower freq then the first to permit some high quality selectivity. I sure would like to see the shape of the 60 MHz filter used in the 2020. It might have a 2.7 KHz bandpass but the skirt selectivity might surprise you (but not me). The 2020 is a fairly low priced radio but it sure would have be nice to have that second freq conversion and a slot so a real CW filter could be part of the receive chain.

Time to leave the soapbox and return to our regularly scheduled program

Clark Fishman, WA2UNN cfishman@pica.army.mil

RF spoken here

Date: Thu, 30 Apr 1998 08:40:04 -0700
From: LYN <designserv@ipass.net>
To: dcopeland@wwn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9603] Re: Confused
Message-ID: <35489B53.E2508ECD@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan Copeland wrote:

> According to "The ARRL Handbook" (which we all know is like talking to
> God...:-))
> " QRP - An abbreviation for low power". I may be stupid but I don't see
> where it
> says " only when using a poor antenna".
>

Sounds pretty definitive to me, but I have no problems if someone wishes to tell the world that he's QRP-fixed or QRP-portable or QRP-backpacking, or whatever. Personally, I think there's a world of fun in taking 5 watts or less and trying to see what I can do with it by improving my home antenna.

Date: Thu, 30 Apr 1998 08:56:30 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: VHF Mailing list <vhf@w6yx.stanford.edu>, eax@w3eax.umd.edu, Laurel ARC <larc-
l@webtrek.com>, qrp-l <qrp-l@Lehigh.EDU>, forsale-swap@qth.net,
tentec@contesting.com
Subject: [9605] FS: FT-736 2/440 allmode, Century 21, S&S Ark 20 QRP, FT-707 stn,
Heath SB-1400 stn., scanners
Message-ID: <Pine.LNX.3.95.980429083350.1022A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FT-736 2m/432 rig. FM/CW/SSB, 25 watts. Classic satellite rig. About 4 years old, with manual, power cord, hand mic, built-in power supply. Easy to use, in excellent condition. \$1350 (no options, can discuss adding a few).

Ten-Tec Century 21 10/15/20/40/80m CW rig. Excellent condition, adjustable 0-70 watts input, built-in power supply. Direct-conversion HF rig, very very VERY easy to use, with manual. \$175.

Yaesu FT-707 station - FT-707, covers ham bands 80-10m including WARC. SSB/AM/CW, with hand mic, CW filter, digital display, 0-100w output, easy to use, with original box. Also have FP-707HD power supply, FC-707 ant tuner, and FV-707DM digital memory unit, with hand mic and power cable. Property of my in-laws, bought at Dayton in 1993. \$650 for all.

S&S Engineering ARK20 QRP rig, very good condition. 5 watts out, audio filter, CW keyer, VERY rugged, with manual. Factory-installed variable power mod, sold for \$300+ as kit, asking \$250.

Heath SB-1400 station, incl. 20 amp power supply/speaker as well as CW filter, optional FM unit. Radio is in excellent shape and is made by Yaesu (FT-747GX). Power adj. from 0-100 watts out, AM/FM/CW/SSB. With manual and hand mic, asking \$625 for all.

Pro-50 handheld scanner. 20 channel, VHF lo/hi + low UHF (to 470 MHz, I think). 20 channels, good shape, rubber duckie, no manual, \$55.

Pro-2039 base scanner (200 channels). VHF/UHF + 800 MHz (no cellular). Built-in power supply, external antenna. Box, manual, like new cond., \$125.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 30 Apr 1998 08:54:32 -0700
From: LYN <designserv@ipass.net>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9606] Re: Level playing field
Message-ID: <35489EB7.CCC4B587@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry B wrote:

> I think that the playing field in this qrp game needs to leveled. That
> is ,all players should be required to use the same type of antennas at
> the same height. Only in this way can the true winners be evident.
> Ac5ez

How about the same power, the same code speed -- or better yet,
all being require to send the same recorded message without variation
and always from the same height above average terrain after getting a
soil analyst's written report that the soil meets soil spec QRP-1?

Naturally, it would all be on the same frequency at the same number of
seconds after local sunrise and solar flux would have to be identical,
etc., not to mention temperature and humidity requirements.

Date: Thu, 30 Apr 1998 09:15:43 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [9607] Re: Output power
Message-ID: <3548797F.7161@arrl.org>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Considering how many HP power meters are available at hamfests that just need the easily burned out kilobuck power sensor, I consider the 432A a poor choice for routine power measurements, unless your rigs **never** put out more than 100 mW.--Zack W1VT

Date: Thu, 30 Apr 1998 09:05:13 -0700
From: LYN <designserv@ipass.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9608] Re: Level playing field
Message-ID: <3548A139.7B1ADC3C@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> QRP is only a measure of power. Everything else is just how we each
> chose to have fun!

Well said, Ron! Rules 1 & 2 should deal with the power level and following the amateur code. Rule 3 shouldn't exist.

> And who was that that was talking about a yagi for \$150?? I'd like
> to find some of those!! The good ones start at an order of magnitude
> higher than that! Unless you want one for the low bands and they
> are expensive..... :-)

Don't know how much Yagi you're looking for. I recently saw a very nice looking 4 element yagi at a good price by:

<http://www.qsl.net/w4kma>

I'm pretty sure he has some longer boom models, too. His site says he'll be at Dayton.

Regards,

Lyn, W4WDN

Date: Thu, 30 Apr 1998 09:21:51 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [9609] Re: playing field
Message-ID: <35487AEF.7989@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you are really serious about a contest with "fair" rules,
why not volunteer to become a contest manager for one of the
QRP clubs?

Realistically, if someone won the QRP ARCI QSO party with wire
antennas from a 2nd floor apartment, how many people on this list
would remember after 10 years?--Zack W1VT

Date: Thu, 30 Apr 1998 08:18:28 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: <jdenison@morelr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9610] Re: qrp and beams... serious reply... :-)
Message-ID: <199804301318.IAA01852@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Joel and all,

AMEN Joel, the efficient antenna system is the key to communications
that are reliable. For my station I like the expression " if I can hear
'em, I can work 'em." Most of the stations that are in my log book
are running 100 to 1,000 watts when we talked, and my station is
less than 2.5 watts.

For the dipole'ites folks, if that's all you can get up in the air
then quit complaining and use it, there is always a chance
to go portable to a park, someone's farm/ranch, beach, etc
and put up a bigger antenna. Isn't building better or even bigger
antennas a bit of progress and a learning experience? Maybe

at Field Day this year, try putting up a larger antenna than you use at home. Trying to work all those stations during Field Day with a larger antenna has always produced more Q's and with a lot less fatigue, at least for me.

Why would I want to settle for a simple dipole over a 1,200 ft. horizontal loop. Living on 171 acres would seem silly to only use a dipole. :-)

Well, back to the drawing board, which has my newest design for a 4 element 40-30-20 mtr loop beam that points East & West, with provisions for reversing the passive elements. BYE !!

de Walter Dufrain, AG5P Wright City, Missouri

> From: JOEL DENISON <jdenison@morelr.com>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Subject: qrp and beams... serious reply... :-)

> Date: Thursday, April 30, 1998 7:33 AM

>

> Hi gang

> I think someone has raised a verious serious question here... Why add a beam

> to qrp?

> well I can tell u why I do that...

> With the beam I can hear a lot of stations I can't with a dipole... and more

> consistantly... does what a pre-amp can't do...

> A beam also lets me talk with more signal strength to a desired direction... Kinda lets me squeeze all the juice out of the orange.. :-)

> It, a beam, makes my four watts much more effective and little or no

> strain for the receiving station to copy me... Basically I can treat my 4 watts to the feeling of being twenty or more, depending on the beam... and,

> if I want, I could go to miliwatt levels and still get more distant stations

> more consistantly... with the beam...

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> I can do that at four watts... even better with a beam... kinda like a flashlight makes a little light a whole lot brighter- in one direction_- without using up ur batteries any faster...

> Even a kw amp, silicon or tube, is useless without a decent antenna... the antenna makes or breaks the station when consistant reliable

> operation is desired...

> my station an't broke... :-)

> Joel in maine "trying to get out"
>
> God Bless
> Joel
>
> WA5CVM Gentleman don't Cry, They QSY :-)
> Joel Denison Gentle Lady (RC Sail Plane)(049 engine -
start)
> PO BOX 542 2 element yagi on 40mtr
> Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L
765
> jdenison@morelr.com AK/QRP 109
>

Date: Thu, 30 Apr 1998 08:23:10 +0500 (GMT-5)
From: Jim Osburn <wd9eyb@butler.indiana.net>
To: KB9RPD@aol.com, qrp-l@Lehigh.EDU, wvara-l@cctesta.indstate.edu,
carpentt@citrine.indstate.edu, WTHI99C@Prodigy.com
Cc: wd9eyb@butler.indiana.net (Jim Osburn)
Subject: [9611] Indiana QRP Club
Message-ID: <199804300323.IAA15381@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Ted,

>
> From: KB9RPD <KB9RPD@aol.com>
> To: qrp-l@Lehigh.EDU
> Subject: [9294] QRP club(s) in Indiana
>
> I have not had any luck finding any QRP clubs in Indiana (specifically the
> central Indiana area).

Neither have I.

>
> How many people on QRP-L live in central Indiana? Does anyone know of a QRP
> club in the area? If not, is anyone interested in creating an informal group
> for elmering and QRP project assemblies?

I don't know how many QRP-Lers are here. I don't know of a QRP club here.
Yes, I'm interested in forming an informal group.

>
> Thanks
>
> 73, Ted KB9RPD

Jim, WD9EYB
wd9eyb@indiana.net

Date: Thu, 30 Apr 1998 09:28:08 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9612] Re: OT - Seattle Filmworks
Message-ID: <35487C68.4CA7@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you get any really good shots on Seattle Filmworks' film,
its a good idea to have them scanned--movie film fades pretty
fast. Not surprising if you look at the economics of movies.--Zack W1VT

Date: Thu, 30 Apr 1998 13:06:08 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [9613] Re: Level playing field
Message-ID: <3548D9B0.6CF3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Obtaining a level playing field is one of those illusions that is
probably not attainable. One of the better joys is doing it with a
disadvantage, i.e. isn't that what QRP is about? Besides, how does one
control the fickle finger of propagation? - 73, Harvey, N6MM.

Date: Thu, 30 Apr 1998 08:29:51 -0500

From: Tom Moll <tomm@xata.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9614] Assigned Frequencies
Message-ID: <01BD7412.2686E550@TOMM>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

C'mon guys, how are you ever going to talk to anyone if they
don't assign the frequency to more than one person ?
Tom Moll, NoBS

> Now wait a minute! I got 7036. Did the fcc mess up?

>Richard Phillips
>Lab Technician
>Milwaukee School of Engineering
>414-277-7388, phillips@msoe.edu

>On Wed, 29 Apr 1998, Jerry W. O'Dell wrote:

>> You guys can't take a joke. I also own
> >7030, 7032, 7034, 7036, and 7040, which latter
> >some of you abuse shamefully.
>>
> >Printed right on my license.
>>
>> Jerry W8GND
>>

Date: Thu, 30 Apr 1998 06:35:49 -0700
From: "Kevin Muenzler-WB5RUE" <wb5rue@ccnmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Zack Lau"
<zlau@arrl.org>
Subject: [9615] Re: OT - Seattle Filmworks
Message-ID: <BBJOHFMNGGNBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack Lau <zlau@arrl.org> writes:
>If you get any really good shots on Seattle Filmworks' film,
>its a good idea to have them scanned--movie film fades pretty
>fast. Not surprising if you look at the economics of movies.--Zack W1VT

>
>

I have some stuff that's 15 years old and still prints well.
I don't know how good it will look 30 years from now but by then
who'll need film cameras....

Kevin

No Jesus -- Know Fear
Know Jesus -- No Fear

CCNmail for your free web-based e-mail. <http://www.ccnmail.com>

Date: Fri, 01 May 1998 06:42:10 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [9616] Re: Damaged QSTs
Message-ID: <3.0.1.32.19980501064210.00695ccc@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:15 AM 4/29/98 -0600, you wrote:

>

>I sent two letters within the past 3 or 4 years to the ARRL complaining
>about the condition of received QSTs -- I even offered to pay extra if they
>would put them in a protective envelope. Not only did I NOT receive
>replacement QSTs, I did not even receive replies to my letters...

>

>Yes, I'm still an ARRL member, but primarily so I can use the outgoing DX
>QSL bureau...

>

>72, Larry W1HUE/7

>

>

>

>

I received a damaged copy of QST in December...called Newington and
received a replacement in a couple of weeks (the old one was readable, but
not in a condition that I'd wish to put on my shelf).

I find that the folks at the ARRL are generally responsive to my needs and

concerns. Yes, I did complain when the plastic mailers were stopped, but that's a cost-saving move that I can understand. I can't think of a single other hobby or professional publication which I receive that uses plastic mailers any longer. "Microwaves and RF" does only when mailing a Mini-Circuits Labs catalog, or something similar, with the magazine, and I'll bet the companion publication pays for the mailer!

BTW, try complaining to the USPS...they're the one's doing the damage. I'll bet you get no more satisfaction from them!

Jack Parker, W7PW

10-10 #28279; QRP-L #1310; 10GHz VUCC #3 (QRPP); 50MHz WAS (QRP); SMIRK #3335; ARRL Life Member; Grid Square DM09jo

Immediate past-president: Astronomical Society of Nevada; Member: Astronomical Society of the Pacific; Member: North Texas Microwave Society; Associate Member: University of Nevada Radio Club (Radio Pack)

"...the time is fast approaching when freedom, public peace, and social order itself will not be able to exist without education."

Alexis de Tocqueville--Democracy in America (1834)

Date: Thu, 30 Apr 1998 06:42:16 -0700
From: "Kevin Muenzler-WB5RUE" <wb5rue@ccnmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9617] Re: Damaged QSTs
Message-ID: <KFKLANJABMNBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wa8rxixi@juno.com (Rick Arzadon) writes:

>Larry;
>Had a QST damaged by rain a few months ago and E-Mailed >
>circulation@arrl.org
>and received a prompt reply that it would be replaced.
>Within a few days it appeared at my doorstep.
>
>
>72, Rick Arzadon - WA8RXI Taylor, MI.
>[QRP-L #1368][ARCI #9050][MI-QRP #587][G-QRP #9125][HI-QRP #32]
>[FISTS #4674]
>

I too was EXTREMELY disappointed when QST stopped wrapping the magazines!
I have since received a few that have been damaged by
water or some other
way in-transit. I wonder how much "savings" they really
see by not wrapping them? Heck, they even went up
on membership fees by a couple of bucks last time didn't
they? PUT THE WRAPPING BACK ON! ;)

Kevin, wb5rue
ARRL since 1976!
Why didn't I get a life membership? (kicking myself..)

No Jesus -- Know Fear
Know Jesus -- No Fear

CCNmail for your free web-based e-mail. <http://www.ccnmail.com>

Date: Thu, 30 Apr 1998 09:46:45 EDT
From: kq0i@juno.com (Mark R Milburn)
To: qrp-1@Lehigh.EDU
Subject: [9618] What is QRP?
Message-ID: <19980430.134413.5327.1.KQ0I@juno.com>

Let me paraphrase a little story I heard from a minister about becoming a
Christian.

When we first hear about QRP we are all aglow with this new
adventure...we love to work QRP, we love to hear about QRP, we think
about QRP in excessive amounts of time. Eventually, we get around to
making a mental list of what it means to us to be a really good QRPer.
We decide what kind of antenna is best, we decide if we will be truly QRP
if we use a keyer....or what bands are the "real" QRP bands. Eventually
we end up with this long list of what being a "true" QRPer....for US.

Nothing wrong with any of that. We need to set standards for ourselves,
and we need to know just what it will take to make us satisfied with the
way we conduct ourselves.

But then we make this huge mistake we decide everyone else ought to
be using the same list that we are. Perhaps we ought to get together and

hash it out .. make rules and regulations about what the list ought to contain...punish and ridicule those that don't have the same list we do. MISTAKE, GUYS AND GALS! Your list is your list. My list is my list.

You think you want to operate with only a wet string antenna ... great, just let me know if you want to QSL. You think the only way to do QRP is with a homebrew rigcool with me, where do you wanna chat? You think operating a big 5 watts makes you a weeny, and only four milliwatts is right for you? Swell, what frequency shall we try? You think the rules for a certain activity are not in accordance with your list?....fine, don't go there, we wouldn't want you to violate your standards.

Just don't try to give me your list...I've already got my own.

72/73 Mark

Mark Milburn, KQ0I@W0AK.#CIA.IA.USA.NA E-mail KQ0I@juno.com
ARRL;QRP-L #625;NORCAL #1829;ARS #139;NW QRP #418;QRP ARCI #9226

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 06:52:01 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9619] Re: playing field
Message-ID: <Pine.BSI.3.96.980430064836.369C-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, Scott Rosenfeld [NF3I] wrote:

> Of course, where's the premium on building a better station?
>
> Every year, the U of Maryland gets our butts kicked by Penn State (again,
> even though we don't play football against 'em since they joined the Big
> Ten, which is now like 11 or 12) in Sweepstakes.
>

Well, with Cornell and NSF. The former runs the place and the latter sends money.

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Thu, 30 Apr 1998 08:52:41 -0500
From: "Jeff M. Gold" <JGold@tnitech.edu>
To: QRP-L <grp-l@Lehigh.EDU>
Subject: [9620] Sg2020
Message-ID: <00fc01bd743f\$3e84e3a0\$4d0b9595@mm-man.cc.tnitech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I really am glad I got feedback from this esteemed group. I was one of the first on the list for delivery, sold a number of other rigs and have had the money in the bank and anxiously awaited the rig. I cancelled mine, had a bit of a sad attack, but after all the postings I am glad I did it.

I am now anxiously awaiting the K2, may even have to figure out how to get to Dayton for the first time in my life (sleep in the van?). Wayne has never let me down. Still love my 40A (loved all three). wish I could have afforded a Sierra at the time.

72

Jeff, AC4HF

=====

Jeff M. Gold

Manager, Academic Computing Support

Tennessee Technological University

Date: Thu, 30 Apr 1998 06:54:42 -0700 (MST)

From: Bob Hightower <ki7mn@dancris.com>

To: designserv@ipass.net

Cc: qrp-1@Lehigh.EDU

Subject: [9621] Re: Level playing field

Message-ID: <199804301354.GAA05718@user2.dancris.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 08:54 AM 4/30/98 -0700, you wrote:

>

>

>Larry B wrote:

>

>> I think that the playing field in this qrp game needs to leveled. That

>> is ,all players should be required to use the same type of antennas at

>> the same height. Only in this way can the true winners be evident.

>> Ac5ez

>

> How about the same power, the same code speed -- or better yet,

>all being require to send the same recorded message without variation

>and always from the same height above average terrain after getting a

>soil analyst's written report that the soil meets soil spec QRP-1?

>

>Naturally, it would all be on the same frequency at the same number of

>seconds after local sunrise and solar flux would have to be identical,

>etc., not to mention temperature and humidity requirements.

>

Yeah, and we all have to operate from exactly the same place, at the same time in order to minimize the differences in propagation, etc.

It would sure make easy to qsl, wouldn't it?

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

Date: Thu, 30 Apr 1998 09:46:21 -0700
From: LYN <designserv@ipass.net>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9622] Re: qrp
Message-ID: <3548AADD.FC97CFF9@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry B wrote:

> Fred
> I feel so guilty that I am going to take down my tower and just use a
> dipole in the attic.

Why not try to make amends (at least partly) by using a 2 meter
rubber duck on your hf QRP rig for a few months?

Date: Thu, 30 Apr 1998 10:00:51 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp-L (E-mail)" <qrp-1@Lehigh.EDU>, "GQRP-list (E-mail)" <gqrp-1@blacksheep.org>
Cc: "Harvey Solomon (E-mail)" <Harvey_Solomon@Emory.Org>, "Jim Stafford (E-mail)" <w4qo@amsat.org>, "Mike Boatright (E-mail)" <ko4wx@ibm.net>, "Steve Krossner (E-mail)" <skrosner@mindspring.com>
Subject: [9623] My PIXIEII (40 mtrs) is alive!
Message-ID: <21E06269B00ED111BE9B00805F6D0FA323545B@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I bought a PIXIEII kit from HSC many months ago and have been egging my fellow NOGAQRP members to build one and get up a little local ragchew. Well I finally got down to soldering Monday night. I decided to put only the manual RIT MOD in the FIRST copy (I have two). Within two hours had the completed stuffing the board and rigged up a key, headphones, RIT switch and RCA antenna connector, all hooked up with RS alligator clip jumpers. A real rat's nest. Testing into a dummy load things sounded good on the main xcvr and looked good on the scope. Well when connecting the 130 ft long wire via tuner to PIXIE things got a little interesting. The famous local BC overload was there but I could hear CW sigs and the RIT was giving me about 1000 Hz shift. I changed cap to get about 700 Hz shift. The BC bleed through was too loud to be ignored so I built a LC series tunable filter and put it in series with the rig and coax. By tuning the cap I could get the BC way down and the CW still sounded OK. I called a local ham Harvey KQ0A for an on the air check. He's about a mile away and the QSO exchange was FB. By now its around 0300Z and the band is alive with sigs in the PIXIE. With no AF filtering it is as broad as a barn so you really have to tune the ears and mind to pick out a signal of interest. Tried calling CQ QRP but no luck so I moved to the main xcvr and at 5W QSOed with Walt K8CVE and Royal Oak, MI. He was using a Sierra at 2W and dipole. I initially gave him a 559 but realized that I had a 18DB attn in so next round gave him 579. I got a 559. It was getting late so I asked if he would listen for my call on 7039. I switched to the PIXIE using the same antenna an called K8CVE. He came back and gave me a 339 and he got a 559 I was a happy camper. Thanks Walt K8CVE for supporting another QRPper in a little milestone event. After the exchange I measured the output on the scope and calculated the output at 130 MW. This was a first for me at that power going out-of-state (Atlanta, GA to Royal Oak, MI). WOW! Next MODs: VXO control with RIT and active AF filter. Maybe then I can put it in the Altoids box I've been saving.

This much fun for \$10 must be illegal.

Sam Billingsley AE4GX e-mail: sbillingsley@usaninc.com
Atlanta, GA

Wire (Inverted L), Butternut Vert, AEA IsoLoop, Parking Lot
Portable(PLP)

Ramsey(40mtr) QRP+ HW7 HW8 HW9
Norcal 38S/5w/Tick PIXIE2(40mtrs)

NORCAL#2210 MI-QRP#1567 QRP-L#1033 ARCI#9356 AKQRP#308
GQRP#9660 ARS#269 NOGA CQC#454

Date: Thu, 30 Apr 1998 08:58:45 -0600
From: "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
To: qrp-1@Lehigh.EDU
Subject: [9624] Trap dipole
Message-ID: <30AC486C13@nich-nsunet.nich.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Hello Gang!

Does anyone know where I can get some info on building a trap vee or dipole ant? I am tired of the jumbled mess of wires every time I lower the inv vee to do work on the tower.....

Interested in 80, 40, 30, 17, & 12.

thanks es 73 de WA50JI Evert

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4993
Snail - P.O. Box 2168 Thibodaux, La. 70310
Home - 117 Sawmill Rd., Thibodaux, La. 70301

Date: Thu, 30 Apr 1998 09:01:54 -0600
From: "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
To: qrp-1@Lehigh.EDU
Subject: [9625] QRP ARCI ???
Message-ID: <30B9B063DE@nich-nsunet.nich.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Hello Gang!

Been reading the digest for a couple of weeks and noticed all the ARCI numbers, etc. I am assuming that these are numbers you receive when you join the groups? I am getting ready to mail off to the

QRPARCI for subscription.

Where can I find out info on all the other clubs out there, their requirements, cost, etc.

Any help would be appreciated.

tnx es 73 de WA50JI Evert

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4993
Snail - P.O. Box 2168 Thibodaux, La. 70310
Home - 117 Sawmill Rd., Thibodaux, La. 70301

Date: Thu, 30 Apr 98 7:07:06 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-1@Lehigh.EDU (qrp)
Subject: [9626] [AMPS] Fw: Engineers are Like That (fwd)
Message-ID: <9804301407.AA23485@wizard.ucs.sfu.ca>

The Humor impaired may hit the delete key NOW!

>
> Subject: Engineers are Like That
>
> Our subject today is lighting charcoal grills. One of our favorite
> charcoal grill lighters is a guy named George Goble (really!!), a computer
> person in the Purdue University engineering department.
>
> Each year, Goble and a bunch of other engineers hold a picnic in West
> Lafayette, Indiana, at which they cook hamburgers on a big grill. Being
> engineers, they began looking for practical ways to speed up the
> charcoal-lighting process. "We started by blowing the charcoal with a hair
> dryer," Goble told me in a telephone interview. "Then we figured out that
> it would light faster if we used a vacuum cleaner." If you know anything
> about (1) engineers and (2) guys in general, you know what happened. The
> purpose of the charcoal-lighting shifted from cooking hamburgers to seeing
> how fast they could light the charcoal.
>
> >From the vacuum cleaner, they escalated to using a propane torch, then an

> acetylene torch. Then Goble started using compressed pure oxygen, which
> caused the charcoal to burn much faster, because as you recall from
> chemistry class, fire is essentially the rapid combination of oxygen with a
> reducing agent (the charcoal). We discovered that a long time ago,
> somewhere in the valley between the Tigris and Euphrates rivers (or
> something along those lines).

>

> By this point, Goble was getting pretty good times. But in the world of
> competitive charcoal-lighting, "pretty good" does not cut the mustard.
> Thus, Goble hit upon the idea of using - get ready - liquid oxygen. This
> is the form of oxygen used in rocket engines; it's 295 degrees below zero
> and 600 times as dense as regular oxygen. In terms of releasing energy,
> pouring liquid oxygen on charcoal is the equivalent of throwing a live
> squirrel into a room containing 50 million Labrador retrievers.

>

> On Gobel's Web page (the address is <http://ghg.ecn.purdue.edu/>), you can
> see actual photographs and a video of Goble using a bucket attached to a
> 10-foot-long wooden handle to dump 3 gallons of liquid oxygen (not sold in
> stores) onto a grill containing 60 pounds of charcoal and a lit cigarette
> for ignition. What follows is the most impressive charcoal-lighting I
> have ever seen, featuring a large fireball that according to Goble, reached
> 10,000 degrees Fahrenheit. The charcoal was ready for cooking in - this
> has to be a world record - 3 seconds.

>

> There's also a photo of what happened when Goble used the same technique on
> a flimsy \$2.88 discount-store grill. All that's left is a circle of
> charcoal with a few shreds of metal in it. "Basically, the grill
> vaporized," said Goble. "We were thinking of returning it to the store
> for a refund." Looking at Goble's video and photos, I became, as an
> American, all choked up with gratitude at the fact that I do not live
> anywhere near the engineers' picnic site. But also, I was proud of my
> country for producing guys who can be ready to barbecue in less time than
> it takes for guys in less-advanced nations, to spit.

>

> Will the 3-second barrier ever be broken? Will engineers come up with
> anew, more powerful charcoal-lighting technology? It's something for all
> of us to ponder this summer as we sit outside, chewing our hamburgers,
> every now and then glancing in the direction of West Lafayette, Indiana,
> looking for a mushroom cloud.

>

> Engineers are like that."

>

Date: Thu, 30 Apr 1998 10:03:50 -0400
From: "Vincent Ferme" <vferme@sprint.ca>

To: <qrp-1@Lehigh.EDU>
Subject: [9627] What's hamradio, what's QRP: A reflection.
Message-ID: <00a701bd7440\$e147a5e0\$c48a94d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear QRPers,

Once again we have a discussion about what is or isn't QRP, level playing field and etc. I have no problems with the choices and definitions floating around, even when they seem incompatible. The following is my position:

- 1)Would I take output power down to 1 nanowatt: sure
- 2)Would I take it all the way up to a KW: sure
- 3)Would I use a 50 element 20 meters beam on a 300 feet tower: sure
- 4)Would I use a dummy load as an antenna: sure
- 5)Would I contact a station taking part in the QRPTTF Run to the border even if the operator is not within state boundaries and I don't need the QSL card: sure
- 6)Would I tweak my QRP TX and run the risk of blowing the final transistor: sure
- 7) Would I do the same with a brand new 10000 dollars transceiver: Not so sure, you are taking this too far now :))

The bottom line for me: this is a hobby and I want to have fun. In my opinion the only people that should worry about profits and gains, and I hope they make lots of it, are our loved and much needed parts and kits suppliers.

As for competition, I am competing 10 hours a day at the very least, did you forget work, mortgage payment, trying to stay away from the mugger waiting in a dark alley etc and etc.

Let me say this, you are all right If you think it is fun and what's fun can be debated also. The definition that matters is the one that fulfill your expectations.

Have FUN!!!!

73/72 de Vince, VE3VFN.

Date: Thu, 30 Apr 1998 08:11:44 -0600
From: Niel Skousen <nskousen@scientechnology.com>
To: ki6ds@dpol.k12.ca.us, qrp-l@Lehigh.EDU
Subject: [9628] Re: Next NorCal Project Announcement
Message-ID: <199804301411.IAA17195@eaglerock.if.scientechnology.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

But how much\$\$\$ do we need to save ?? ;-) Is this going to be another 200 kits in 48 min. ??

Niel

At 12:31 AM 4/30/98 -0700, you wrote:

>The next NorCal club project will be announced Friday evening, May 15th at Dayton after the QRP Banquet in the
>hospitality room of the QRP Suite. We will be doing it after the Vendor night happenings, so please plan
>on attending. Working prototypes will be there, and you will be able to touch and feel all you want. The
>designer and project team members will also be in attendance and will attempt to answer any and all
>questions. If you can't make it Friday night, the new NorCal project will be at the G-QRP/NorCal booth
>in the QRP Corner of the Exhibit Hall all day Saturday, and will be back at the Hospitality Suite Saturday
>night.

>

>And guys, that is only 2 weeks from this Friday!!

>

>Oh, and thanks to Dan Pucket for the Dayton Weather announcement. I was dying to know. See all of

>you in 2 weeks. 72, Doug, KI6DS

>

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG/NUSI
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientechnology.com WA7SSA QRP-L.119

Z-----DN33wm--- . . . -

Date: Thu, 30 Apr 1998 08:16:04 -0600

From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'wa4dou@mailexcite.com'" <wa4dou@mailexcite.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9629] RE: Open letter to QRPTTF Border Operations
Message-ID: <ABB04875E11AD01191A40000F83092BE8325A2@STONE>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7BIT

Hello Roy....well the whole idea of this fine QRP-L Group is to relax, have FUN, learn and be happy...enjoy!...72 - Bruce(VE5RC) ;-)

-----Original Message-----

From: Roy Lincoln [SMTP:wa4dou@mailexcite.com]
Sent: Wednesday, April 29, 1998 8:17 PM
To: Low Power Amateur Radio Discussion
Subject: Open letter to QRPTTF Border Operations

Hi Gang,

I've been wondering about the border station operations during QRPTTF and i am puzzled and perplexed about the whole concept. Hope i'm not about to step on any toes but:

1) unless you can establish beyond any reasonable doubt that your operation was from the exact point that the border exists, how can you claim that you did in fact

operate from more than one(1) state simultaneously?

2) What criteria was decided to measure if you were within acceptable limits? And who decided it? For instance- was it within 100 yds. or 1 mile, or what?

3) Appears to me that the whole concept is fraught with problems. Will those who operated from near borders, in fact send out qsl's confirming contact with several states simultaneously? And will QRP ARCI/ARRL etc., recognize these for awards?

4) Why even bother to try to operate from borders if it's nearly impossible to establish precisely where the actual borders are? Certainly GPS isn't accurate enough.

I'm asking these questions because i must have missed something. This is a technical

hobby and these are certainly technicalities! Last time i heard the joke, CLOSE only

counted in horseshoes and hand grenades! Ha!
Could someone who catches my drift, clue me in? Thanks!

73 Roy

WA4DOU QRP ARCI#2330

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Date: Thu, 30 Apr 1998 09:43:11 -0400
From: Phil Rutledge <rut@mcrut.mv.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9630] Re: SG-2020
Message-ID: <Version.32.19980430094020.00f77280@pop.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The 2020 is a fairly low priced radio but it sure would have be nice to
>have that second freq conversion and a slot so a real CW filter could be
>part of the receive chain.<

>
Even if this thing worked it wouldn't be "low priced" in my book. There are
any number of used radios out there (yes, they're rice boxes!) that will
out perform the "2020" and have power to spare! Why, they'll even work on
CW! :-)

73--Phil (K1HS)

Date: Thu, 30 Apr 1998 09:20:37 -0500
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9631] Re: What is QRP
Message-ID: <354888B0.6A0ED024@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark R Milburn wrote:

> Let me paraphrase a little story I heard from a minister about
becoming a
> Christian.
>
> When we first hear about QRP we are all aglow with this new
> adventure...we love to work QRP, we love to hear about QRP, we think
> about QRP in excessive amounts of time. Eventually, we get around to
> making a mental list of what it means to us to be a really good QRPer.

<SNIP>

> Just don't try to give me your list...I've already got my own.
>

AMEN, Mark

Mike
KA0AMA
QRP-L #1506
IAQRP #-5
Galesburg, IA

Date: Thu, 30 Apr 1998 10:23:51 EDT
From: Shepherd <Shepherd@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9632] Re: Confused
Message-ID: <4fe95edc.35488978@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Larry,
The competition is to out do yourself from the last time. i.e.: You worked
Germany with 5 watts into a G5RV at 30', next time do it with 2 watts into a
dipole at 10', then you work towards the ultimate ZEN, .0001 watts into a coat
hanger! :-)

The fun is in doing it.

72, 73

Dan, N8VZU
QRP-L #1404

Date: Thu, 30 Apr 1998 10:49:36 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9633] Re: OT - Seattle Filmworks
Message-ID: <35488F80.4D05@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kodak's long term storage suggestions:

<http://www.kodak.com/US/en/motion/products/negative/tech5247.shtml#storage>

Date: Thu, 30 Apr 1998 07:42:17 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU
Subject: [9634] QRP Rule Book
Message-ID: <103130301b16e4b808b57@[207.159.15.52]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>In a message dated 98-04-30 00:19:02 EDT, you write:

>

><< Subj: Confused

> Date: 98-04-30 00:19:02 EDT

> From: ac5ez@webtv.net (Larry B)

> Sender: owner-qrp-l@Lehigh.EDU

> Reply-to: ac5ez@webtv.net

> To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

>

> Guys, Im confused and puzzled abt this qrp stuff, Is it a competition or

> is it just having fun with ham radio? If its competition , where is the

> rule book I cant find mine.

> Ac5ez

>

>To me,I think I would refer to qrp operations as a very good skill.

>I also feel that useing a beam to work qrp is cheating.

>Qrp was meant to be able to operate with a cheap little rig,some wire for an

>antenna and a battery if out in the field.
>To hook up a \$150.00 rig to a beam mounted on top of a 65 foot tower is no
>longer(to me) considered qrp
>Bob
>WA2HOQ

If it is a QRP contest one would have to guess the rule book would have to
be homebrew, very small, very few pages with very few words.

72,

Ward Hill, WA6FUH
Engineer at KQVR, Channel 13 (CBS), Sacramento, CA
"Where excuses stop, achievements begin"
Life Member ARRL NorCal #2660 10-10 #27139 QRP-L #1117 AK/QRP #249
All QRP, All home built/home brew equipment
w_hill@ns.net
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Thu, 30 Apr 1998 10:57:16 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9635] Re: OT - Seattle Filmworks
Message-ID: <3548914C.34B1@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oops--much better link:

<http://www.kodak.com/ciHome/products/techInfo/e30/e30Slides.shtml>

--Zack W1VT

Date: Thu, 30 Apr 1998 07:52:34 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: <designserv@ipass.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9636] Re: qrp
Message-ID: <19c001bd7447\$9ca23ca0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Lyn wrote:
>Why not try to make amends (at least partly) by using a 2 meter
>rubber duck on your hf QRP rig for a few months?

I went one step further during one of the foxhunts and got a 599 with a dummy load for an antenna. Does that mean that I can put up another tri-bander now?

Mike K1MG

Date: Thu, 30 Apr 1998 09:54:37 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <kq0i@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9637] Re: What is QRP?
Message-ID: <004e01bd7447\$e70e0e40\$3401e3d0@fred.ott.net>

Mark,

Great thoughts! I hope to work you one day so we can compare lists!

73s,

Fred Ringwald, AB0AE
fred@innocent.com
-----Original Message-----
From: Mark R Milburn <kq0i@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, April 30, 1998 8:59 AM
Subject: What is QRP?

>Let me paraphrase a little story I heard from a minister about becoming a

>Christian.
>
>When we first hear about QRP we are all aglow with this new
>adventure...we love to work QRP, we love to hear about QRP, we think
>about QRP in excessive amounts of time. Eventually, we get around to
>making a mental list of what it means to us to be a really good
QRPer.
>We decide what kind of antenna is best, we decide if we will be truly
QRP
>if we use a keyer....or what bands are the "real" QRP bands.
Eventually
>we end up with this long list of what being a "true" QRPer....for US.
>
>Nothing wrong with any of that. We need to set standards for
ourselves,
>and we need to know just what it will take to make us satisfied with
the
>way we conduct ourselves.
>
>But then we make this huge mistake we decide everyone else ought
to
>be using the same list that we are. Perhaps we ought to get together
and
>hash it out .. make rules and regulations about what the list ought
to
>contain...punish and ridicule those that don't have the same list we
do.
>MISTAKE, GUYS AND GALS! Your list is your list. My list is my list.
>
>You think you want to operate with only a wet string antenna ...
great,
>just let me know if you want to QSL. You think the only way to do
QRP is
>with a homebrew rigcool with me, where do you wanna chat? You
think
>operating a big 5 watts makes you a weeny, and only four milliwatts is
>right for you? Swell, what frequency shall we try? You think the
rules
>for a certain activity are not in accordance with your list?....fine,
>don't go there, we wouldn't want you to violate your standards.
>
>Just don't try to give me your list...I've already got my own.
>
>72/73 Mark
>
>Mark Milburn, KQ0I@W0AK.#CIA.IA.USA.NA E-mail KQ0I@juno.com
>ARRL;QRP-L #625;NORCAL #1829;ARS #139;NW QRP #418;QRP ARCI #9226
>

```
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```

I've measured the tuning range of my VFO as 38 kHz. However, I'd like to have the rig cover both the DX window at the bottom of the band (7000 - 7015) as well as our favorite QRP calling freq range (7035 - 7045), for a total spread of 45 kHz min.

1. substitute a different varactor? For instance, the MV1662 in the kit specs a typ capacitance of 275 pF, whereas the MVAM108 in the Norcal 40A kit specs 500 pF. Could I drop a -108 in without any negative effects? How about some other varactor with a bigger capacitance value? Is price the only issue?

Thanks,
Paul, AA1MI

Date: Thu, 30 Apr 1998 07:59:29 -0700

From: Conrad <radman@best.com>
To: "'paul1@wizard.ucs.sfu.ca'" <paul1@wizard.ucs.sfu.ca>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9639] RE: [AMPS] Fw: Engineers are Like That (by-line...)
Message-ID: <01BD740D.E8AD24A0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Paul,

A little background on: "Engineers are Like That" ... This piece was =
authored several years ago by the Pulitzer Prize-winning syndicated =
columnist/humorist, Dave Barry. - a very funny guy and an acquaintance =
of mine. Check out some of his books: "Babies and Other Hazards of Sex," =
"Homes and Other Black Holes," "Stay Fit and Healthy Until You're Dead," =
and especially "Dave Barry's Book of Bad Songs" - at libraries and =
bookstores the world over. (I just wanted to add Dave's by-line) Party =
on! ;)

72 - Conrad Weiss - NN6CW

The Humor impaired may hit the delete key NOW!

>=20
> Subject: Engineers are Like That
>=20
> Our subject today is lighting charcoal grills. One of our favorite
> charcoal grill lighters is a guy named George Goble (really!!), a =
computer
> person in the Purdue University engineering department.
>=20

Date: Thu, 30 Apr 1998 22:53:22 +0800
From: "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: psyodell@mail.provide.net
Cc: qrp@pandora.lugs.org.sg
Subject: [9640] Re: playing field
Message-ID: <35489064.pandora@pandora.lugs.org.sg>

On Thu, 30 Apr 1998 07:01:24 -0400 (EDT), "Jerry W. O'Dell"
<psyodell@mail.provide.net> wrote:

> There ought to be some way to level things out a bit.

Naw, this could REALLY get out of hand and while it is in the spirit of contesting, it is NOT in the spirit of QRP per se.

Think about it? What if the guy lives real high up on a ridge, and me in a deep valley? Hey, "NO FAIR!". So what do we do? Do we level the playing field by asking the dude to move to the plains?

I agree, for contests this might be an issue. In QRP, honesty is the issue. There is only one limit I know of in QRP, that's the 5W limit. If some wants to do QRPP then fine, and if others want less, that's also fine. They're pushing their own performance envelopes, but everyone should be able to do what gives them the most fun.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | http://www.cyberway.com.sg/~danwee |
| QRP-L #667 | 9V1ZV@amsat.org                          |
+-----+-----+
```

Date: Thu, 30 Apr 1998 09:17:39 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: ve6bpr@cnnnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [9641] Re: Japanese BUG
Message-ID: <199804301517.JAA08308@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Swallow is similar to the "coffin bugs" from Japan but without the clear plastic covers. They were sold by Lafayette, Jelectro and other mail order houses in the early 1960's.

72, Bob KI0G

>Hello QRPers.

>I just found an old Japanese Bug called a "SWALLOW" in an old box of junk,

Date: Thu, 30 Apr 1998 10:29:47 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: tomm@xata.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9642] Re: Assigned Frequencies
Message-ID: <354898EB.95EF2DD9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ever hear of split-frequency operation? Like we had in the 40's?
Remember "crystals" and tuning the band for a call?

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Tom Moll wrote:

>
> C'mon guys, how are you ever going to talk to anyone if they
> don't assign the frequency to more than one person ?
> Tom Moll, NoBS
>
> > Now wait a minute! I got 7036. Did the fcc mess up?
>
> >Richard Phillips
> >Lab Technician
> >Milwaukee School of Engineering
> >414-277-7388, phillips@msoe.edu
>
> >On Wed, 29 Apr 1998, Jerry W. O'Dell wrote:
>
> >> You guys can't take a joke. I also own
> > >7030, 7032, 7034, 7036, and 7040, which latter
> > >some of you abuse shamefully.
> >>
> > >Printed right on my license.
> >>
> >> Jerry W8GND
> >>

Date: Thu, 30 Apr 1998 11:44:55 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [9643] Re: QRPTTF Borders "Rule Book"
Message-ID: <35489C77.3657@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

> This is not meant to be sarcastic, but to perhaps clarify the intentions
> of QRPTTF and related QRP activities. Maybe we do need a rule book since
> there does seem to be some confusion on all of this.

I saw one of the "promo" sheets on the contest. To me, it answered the question about "how close is close." The bottom line was that each /P operator was expected to make the determination, within the bounds of safety and reasonableness. From what I have seen, the spirit of this guideline was followed.

> 2. HOW ABOUT THE ARRL? We contacted the ARRL several times for clarification
> on how to properly QSL, how close is close, etc. The answer was "you
> can't do that" and "you must have a QSL from each state, and indicate
> if it was a portable contact if the state worked is different than the state
> printed on the QSL." I believe we were in conformance with those guidelines.
> If you see it different, we understand.

>From my understanding of the WAS program, the bottom line is the QSL. If the QSL indicates that the contact took place from a particular state, the contact and card will be accepted for WAS (provided it meets ARRL's other criteria -- no altered call signs, etc.). There is no specific rule covering border operation, but if the operator issuing the QSL indicates in writing that the portable operation took place from a particular state, then it will be acceptable. A single QSL can confirm more than one contact, but each confirmation needs to be clearly indicated on the card. From an administrative point, separate QSLs are helpful.

The intent of the WAS award is that the contact actually took place in, not near, the state in question. If you receive a confirmation for a QRPTTF border QSO, although the "close-enough" guideline may be quite appropriate under the guidelines of the TTF contest, you will have to decide for yourself how it applies toward your WAS award. In the final analysis, each award means what it means to the recipient, so if you feel good about a contact counting for a particular state, and the QSL

info supports that contact, you may submit any valid card for ARRL WAS and the card alone will determine whether the award is issued.

> It was NOT the intent of the border theme to challenge the ARRL. There was
> not an ARRL advisor at the camp fire that night :-)

IMHO, the border theme is wonderful! It made for an exciting time for all concerned. That, to me, is the bottom line.

> Our ONLY true goal is to sponsor fun. I apologize to anyone who thinks
> our motives were any different.

I don't think any apology is necessary. The only questions folks may have are related to how to confirm these new states for WAS. I, for one, think that the motives were pure and the results were pure fun. Thank you for a great idea, to all who dreamed it up one night around the campfire!

72,
Ed, W1RFI,
ARRL Lab

Date: Thu, 30 Apr 1998 11:47:36 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9644] Re: Assigned Frequencies
Message-ID: <35489D18.19A6@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Moll wrote:

> > Now wait a minute! I got 7036. Did the fcc mess up?

> C'mon guys, how are you ever going to talk to anyone if they
> don't assign the frequency to more than one person ?
> Tom Moll, NoBS

Actually, wouldn't "cross-band" QSOs still be legal? :-) :-)

73,
Ed, W1RFI

Date: 30 Apr 1998 11:44:43 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: PGSPersEng@aol.com
Cc: qrp-l;;
Subject: [9645] Re: Elmer 101: Varactor substitution?
Message-ID: <1998Apr30.114443-0400@[130.113.234.7]>

Paul (AA1MI) suggests substituting varactors, or paralleling two varactors to increase tuning range in the SW40+.

There is a simpler way.

You can increase the value of C8 from 82pf to a larger value, either by substitution, or by paralleling another capacitor. In any case, it should be a good quality (NP0 or COG) type. A silver mica or polystyrene would be OK too.

C8 sets the tuning range. Varicap diode D1 has more capacitance variation than we need...C8 let's the VFO see less capacitance variation for a smaller tuning range. Dave has done this to make tuning speed reasonable with a one-turn tuning pot. 40 KHz is about all you can encompass without being very touchy.

If you do increase C8 for more tuning range, you should consider substituting a multi-turn tuning pot.

In my case, C8 value of 220pf covers up to 7.093 MHz.

Any disadvantages?

Dave warns about possible frequency drift, because now the varicap's temperature coefficient may affect VFO frequency. And pot tuning may seem a bit more non-linear with faster tuning at the low-frequency end.

Date: Thu, 30 Apr 1998 09:00:14 -0700 (MST)
From: Jeff Johnson <jeff@dcsoftware.com>
To: qrp-l@Lehigh.EDU
Subject: [9646] Long Wire Antenna
Message-ID: <3.0.32.19980430085716.0093fbb0@dcsoftware.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everyone:

I am going to Las Vegas for a convention and would like to take my SW4040 and ZM-2 antenna tuner with me. I thought of hanging a long wire out the window and connecting a ground to the faucet. Does this sound reasonable? and any suggestions on the length of the wire? Should I connect the antenna directly to the tuner or feed it? Any comments will be appreciated.

Also, a friend of mine built the ZM-2 tuner and his LED doesn't go completely off on 40 meters with a dipole cut for 40 meters. It works fine (goes completely out) on his 17m and 20m. Could he have something wrong - or is this acceptable.

Jeff Johnson
KJ7LO
jeff@dcsoftware.com

Date: Thu, 30 Apr 1998 10:50:17 -0500
From: Tom Moll <tomm@xata.com>
To: "'w5yr@swbell.net'" <w5yr@swbell.net>
Cc: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [9647] RE: Assigned Frequencies
Message-ID: <01BD7425.C4CCCCD0@TOMM>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

George,
Well, I got my license in 1963 so I don't remember the 40's, but my first efforts with receivers like a Heath GR-91 and an S-38C (which I still have and use) were the type of receivers that you could simultaneously hear almost the entire band with, so, yes, I know what you are talking about. I still regularly operate crystal controlled with an old Heath AT-1 and a Drake 2B, however, you don't get many "off frequency" replies anymore.
Tom Moll, NoBS

Ever hear of split-frequency operation? Like we had in the 40's?
Remember "crystals" and tuning the band for a call?

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Tom Moll wrote:

>
> C'mon guys, how are you ever going to talk to anyone if they
> don't assign the frequency to more than one person ?
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>
> > Now wait a minute! I got 7036. Did the fcc mess up?
>
> >Richard Phillips
> >Lab Technician
> >Milwaukee School of Engineering
> >414-277-7388, phillips@msoe.edu
>
> >On Wed, 29 Apr 1998, Jerry W. O'Dell wrote:
>
> >> You guys can't take a joke. I also own
> > >7030, 7032, 7034, 7036, and 7040, which latter
> > >some of you abuse shamefully.
> >>
> > >Printed right on my license.
> >>
> >> Jerry W8GND
> >>

Date: Thu, 30 Apr 1998 11:45:15 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Tom Moll <tomm@xata.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9648] Re: Assigned Frequencies
Message-ID: <Pine.GS0.3.96.980430114331.1862A-1000000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thats what tunable receivers are for??? Hahaha.

(The assigned freq discussion)

BTW, is modulation added to a HW-8 possible? Maybe AM or Double side band with the carrier suppressed. Just an idea. I am real new to Qrp but have a HW-8 and was wondering.

Thanks.

72 and 73

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Thu, 30 Apr 1998 08:46:38 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: n0tu@webaccess.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9649] Re: Litz wire Source?
Message-ID: <iXEcTAAexCS1Ew5f@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <01f101bd73b0\$5b3ffb40\$844a460f@SG2939M.webaccess.net>, Steve Galchutt <n0tu@webaccess.net> writes
>Anyone know where you can find some Litz wire (the stranded stuff they wind
>AM radio loopstick antennas with), I have a non-ham friend who's looking for
>a 100' of it?
>72...Steve

The Scientific Wire Company, in the UK, stocks a wide range of Litz wires. Fax: +44 (0)181 559 1114

Leon

--
Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850 DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Thu, 30 Apr 1998 10:03:07 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [9650] Index QRP+ Mods
Message-ID: <3.0.3.32.19980430100307.00914e40@axp1>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Before I get swamped by more email, please be advised that my QRP+/QRP++ mods were published in the January, April and July 1997 issues of the ARCI QRP Quarterly. If you would like a copy of the articles, send a business size SASE with two units of postage (or a couple of IRC's if you are overseas) to my call book address. (Contributions toward copying costs gratefully accepted...)

I don't like posting my address, but it is easily obtainable from the QRZ or Buckmaster web pages.

72, L.

Date: Thu, 30 Apr 1998 11:55:29 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9651] RE: Confused
Message-ID: <01BD7432.B9B9F2C0.tracy@bytemark.com>

Woa!!!

I always got into QRP to work on EFFICIENCY. The lower power levels (to me) were to prove the superior antenna setup. I always thought the ANTENNA really made a qrp station. Am I missing some inside joke here, or am I stepping into a flame war???

Tracy Markham, N4LGH (QRP 99%)

I also feel that using a beam to work qrp is cheating.

Date: Thu, 30 Apr 1998 11:16:22 -0500
From: n5inz@juno.com (John M Andrews)
To: PGSPersEng@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [9652] Re: Elmer 101: Varactor substitution?
Message-ID: <19980430.111623.3462.5.N5INZ@juno.com>

On Thu, 30 Apr 1998 10:56:32 EDT PGSPersEng <PGSPersEng@aol.com> writes:

>I've measured the tuning range of my VFO as 38 kHz.

>

>Is there any technical reason why I couldn't do one of the following

>to

>increase the tuning spread:

>

Is price the only

>issue?

>

>Thanks,

>Paul, AA1MI

>

>

Yep....pretty much....Dave must have worked pretty hard to keep costs down. Quality Colpitts VFO's ain't cheap considering the parts for a mass reproduction of kits. It might have raised the price you would pay by \$5

-

\$10. Size may have also been a factor.

My thoughts go to:

1. A full "conventional" VFO or-

2. A "super VXO" (2 xtals in parallel in the frequency determining network) -or

3. A ceramic resonator in place of the xtal. I've seen a lot of stuff to suggest

that the resonator has a wide ability to be moved with fair stability.

I'm trying to tread lightly here. This is a learning experience for most of us,

and I don't want to muddy the waters with a bunch of mods(i.e. the 38 Special when the mods got bigger then the project!).

FWIW-

John- N5INZ

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 09:40:57 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: ac5ez@webtv.net
Cc: qrp-l@Lehigh.EDU
Subject: [9653] Re: qrp
Message-ID: <19980430.094057.11566.0.gsurrency@juno.com>

Hey! I worked 34 Foxii this past season with an attic dipole. It ain' t
so bad! ;-)

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

On Wed, 29 Apr 1998 22:04:59 -0500 ac5ez@webtv.net (Larry B) writes:
>Fred
>I feel so guilty that I am going to take down my tower and just use a
>dipole in the attic.
>Ac5ez
>
>
>
>
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 11:46:05 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [9654] What is Qrp?
Message-ID: <3548AACC.41415F5A@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sorry in advance. I cant hold back. Flame suit on.

For years I have felt that qrp was full of contradictions.

For some qrpers it isn't really qrp unless the rig is homebrew. A kit might be okay but only if you wind your own toroids and prepare your own cabinet.

Others have a minimalist approach and want to see what they can do with a small no-frills radio. That is qrp. To them, if you were using an Icom 781 cranked down to 5 watts, that's cheating.

Still others want a radio they can take backpacking or portable. To them operating off batteries or solar panels is qrp. Using a rig in the shack with a real antenna is cheating.

For some merely cranking the power down on the main station transceiver is qrp. Others would disagree. Lowering the power to 5 watts at W3LPL or some of the other super station is not qrp.

I can live with the fact there are many definitions of qrp and that we each have our own rules. What bothers me is when some people forget that these are NOT universals. They are their own personal values, rules and beliefs.

I find there is a lot of elitism among qrpers. Many (non on this list of course) put down others who use 100 watts, much less the full legal limit. They will scream about how qro is never necessary and if they can work XW with 2 watts then it has to be a slam dunk for someone running a kw. From that belief, some develop an erroneous belief that they are superior operators solely because they use low power. Well this might be believable if the operator has good results using a minimalist rig hooked up to low dipole or heaven forbid, an inside antenna. But I fail to see how this holds up if they sitting a top a mountain with stacked monobanders and are using top of the line equipment. Effective radiated power at a particular wave angle will determine your strenth at the other end. The power to the final is only a small part of the equation. Don't put down others for taking a different approach to the same destination.

I think qrp is different for each individual. It is supposed to be fun. If it isnt do something else, anything else.

73 de Dave, N0IT

Date: Thu, 30 Apr 1998 12:55:09 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@Lehigh.EDU, tentec@contesting.com
Subject: [9655] RE:Using CB amps with Qrp rigs.
Message-ID: <46510.owen@piper.eeel.nist.gov>

The question was brought up about how to get more power from a qrp rig when needed. Since no amps are built that will operate at the 50 watt output level with 5 watts drive what to do? The suggestion was that you could start out with one of the illegal CB amps and modify with LPF's but would this be legal since the CB amp was illegal to start with. I said I would try to find out the correct FCC opinion and here it is as I received it from Frank Coperich of the FCC. It looks as if, in fact that the FCC would be very happy if we QRpers would buy up the CB amps, if for nothing else to get them off 11 meters. 72/73 Jim K4CGY

In message Thu, 30 Apr 1998 11:59:21 -0400,
Frank Coperich <FCOPERIC@fcc.gov> writes:

>
> The response from Bill Cross (attached) represents the "official" position
> of "WTB" and should be considered as the answer to your question.
> --=_FDA98D77.036214A8
> Content-Type: message/rfc822
>
> Date: Thu, 30 Apr 1998 11:18:49 -0400
> From: Bill Cross <BCROSS@fcc.gov>
> To: CCOBBS@fcc.gov,FCOPERIC@fcc.gov, JREED@fcc.gov
> Cc: AWALL@fcc.gov,LCLANCE@fcc.gov, RLAForge@fcc.gov, SKAMINER@fcc.gov
> Subject: RE: Rules question -Nth Reply
>
> There is nothing in 97.315(a) that says or implies the amplifier to be
> modified had to start life as a "legal" amplifier. It only talks about
> "an external RF power amplifier", of which a CB illegal amp is
> definitely one, and allows an amateur operator to modify one per
> calendar year for use at a station (not necessarily the modifier's
> station.) The intent of the rule was to recognize that one ham may very
> well modify an amp for another ham rather than to prevent one ham helping
> another.
> It seems to me that allowing the QRP crowd to scarf up these amps and
> modify them for the ham bands accomplishes exactly what we want-get
> them out of the hands of CB ers!
>
> Bill
>

>
>>>> Frank Coperich 04/30/98 10:33am >>>
>>>>
> OK, thank you all - so far for inputs. In my opinion it will finally be a
> "WTB" call on this (Rule interpretation) but our inputs should be
> considered.
> My opinion is that Section 97.315(b)(3)(ii) refers specifically to
> MODIFICATIONS. (Units CONSTRUCTED from spare parts or otherwise
> are covered in Section 97.315(a)(3)(i).
>
> I believe that since the process of MODIFYING an existing Type
> Accepted amplifier makes it -"Non - Type Accepted" (And the original
> Grantee is not responsible for its performance) that the realistic
> allowance was to permit an operation to make CHANGES that he wanted
> to make - and assume the responsibility for technical compliance.
>
> I think we need to hear from "WTB".
>
> --=_FDA98D77.036214A8--
>

Date: Thu, 30 Apr 1998 18:10:06 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: mgipe@reliablemeters.com, qrp-1@Lehigh.EDU, gqrp-1@blacksheep.org
Subject: [9656] Re: SGC 2020 FLAP
Message-ID: <E0yUwqi-0007CK-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Date: Wed, 29 Apr 1998 14:31:20 -0700
> Reply-to: mgipe@reliablemeters.com
> From: "Michael A. Gipe" <mgipe@reliablemeters.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Re: SGC 2020 FLAP
> X-To: <kd7s@psnw.com>

> I have no doubt that the SGC2020 will be a fine radio for some people.

Most likely fine for SGC!

At 600 UK pounds (900 US plus) - you can keep it!

--73--

Frank G3YCC G QRP 042

email: g3ycc@g3ycc.prestel.co.uk

QRP web Site: <http://homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Thu, 30 Apr 1998 18:10:06 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, kd1jv@moose.ncia.net, gqrp-1@blacksheep.org
Subject: [9657] RE: SG2020 FLAP
Message-ID: <E0yUwqg-0007CK-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

It seems to me that something odd has gone on here, IF the report on the poor CW capability is typical of the rig in general. In my opinion, the QRP Plus was excellent on CW and lousy on SSB. Now we have the reverse.

Guess the answer is to build your own then you know what the final result will (should) be! Speaking as a 100 pc homebrew QRPer that is! Now let's see what the Elecraft rig is like. I hope it is better than their email reply count; I've sent three and had no reply. Back to the soldering...

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Thu, 30 Apr 1998 11:14:44 -0600
From: "Caro, Carlos" <carlos.caro@lmco.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9658] Dig SWR/PWR Meter
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB0A83BC@emss02m14.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

Dan Trigilio and all,

Radio Shack (Tandy) has a FAX back number that you can request copies of user manuals. 1-800-323-6586.

For the meter ask for Users manual 11277670.

Hope this helps!
Carlos KBOREI, #1333

Date: Thu, 30 Apr 1998 13:12:50 -0400
From: w4bws@juno.com (Donald E Sanders)
To: wd9eyb@butler.indiana.net
Cc: qrp-1@Lehigh.EDU
Subject: [9659] Re: Indiana QRP Club
Message-ID: <19980430.134118.3622.1.w4bws@juno.com>

Here is your chance for 15 minutes of fame(or is it flame)- start your own informal QRPclub and let everyone know with a note to CQ,QST,73,and World Radio and all the Indiana Clubs listed in the call book listings. You can work all the repeaters in your area and let them pass it on to their newsletters that you have a group of interested individuals that meet at the local pizza parlor or where ever and on th air. Go for it and have fun. That's QRP Rule #1.

Don W4BWS
On Thu, 30 Apr 1998 08:23:10 +0500 (GMT-5) Jim Osburn
<wd9eyb@butler.indiana.net> writes:
>> I have not had any luck finding any QRP clubs in Indiana
>
>Jim, WD9EYB
>wd9eyb@indiana.net
>
>
>

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Date: Thu, 30 Apr 1998 10:49:51 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9660] Need tutor, design/experiment query
Message-ID: <01bd7460\$60705960\$9aa9d9cf@accurate-1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Perhaps someone can point me in the right direction?

I am playing with simple circuits and recalculating tanks/L.c.'s on proven circuits and find that I am working with too many variables. For example, What should be (I think) a simple task of scaling L's and C's of Lewallen's transmitter stage of the "optimized qrp rig" for 10.125 MHz., I find my output efficiency is horrid, somewhere around 25%. Because there are two possible areas of discontent i.e., the driver tank and the output pi-net, it seems to me that to optimize the stage via experimentation, that I need to have one of the variables fixed and/or of a known correct impedance. It seems further that it would be logical to provide a fixed and matched output of proper impedance/resistance to the collector, and then optimize the input stage.

Therefore my question is, how would I determine the necessary load to present to the collector by the way of a fixed value resistor, or sans pi-network?

Or, am I off track and need to be slapped into submission (i.e., do the math) ?

Thanks

Roger KD6CC

Date: Thu, 30 Apr 1998 10:54:57 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9661] QRP - A reminder
Message-ID: <35485881.3482958F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Geez, this is generating a lot of traffic, most of which is totally inaccurate. QRP means reduced power. The accepted definition of QRP power is 5W CW, 10W SSB _output_. What comes out of the transmitter.

It doesn't make any difference if the transmitter is a Norcal kit, an OHR, SWL, S&S or some other, or something that you cobbled up with a

bunch of 2N2222's. It really doesn't matter if you use a Yaesu FT-1000 MP or something similar. What comes out of the SO-239 is what matters.

Homebrew is not necessarily QRP. Heath made a bunch of money on homebuilt kits, not all of which were QRP rigs.

Go back to your ham library and read QRP Classics, QRP Power, Rich Arland's books, or even the ARRL manuals. They all will tell you that it is output power that makes it QRP. Most will also tell you that the antenna system is important. There is no mention of the legality, propriety, or morality of using stacked beams versus a simple wire.

There is no such thing as a level playing field in ham radio. Component selection, type of rig, Vdc, antenna type, QTH location, type of soil for your ground, atmospherics, operator skill.....too many variables to list them all. If you keep your output power to those levels mentioned above, or less, then you are QRP.

If all playing fields were meant to be level, we'd all be the same size, color, and gender.....now there's a terrible thought.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Thu, 30 Apr 1998 11:55:48 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU
Subject: [9662] Attempts to Level the Field
Message-ID: <199804301758.LAA06195@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just for the sake of argument (i.e. occupying bandwidth) I'd like to mention two things that CQC has attempted to do to level the playing field in its own "contests."

By way of background, (a) we have long observed that the same small group of ops seem to win our contests every time, and (b) propagation and geography dictate that it will always be difficult for a Colorado station to do well in a CQC contest. I should also mention that while CQC's official motto is "Life's too short for \$800 finals," a secondary motto is "Skill-- not Power!" and the whole point of the competitive events is to develop skill. We were concerned that some people were not entering (or not submitting logs) because they knew they had no chance of "winning," or in other words, there is a real

good argument for attempting to level the field.

Obviously the antenna is the critical factor, all else being more or less equal. Some operators will have financial constraints, and many will have physical (or legal) constraints on what they can do antenna-wise. And as an aside, this is the great benefit of field day and field operations for many of us-- we can use a better antenna than we can at home(!) so (ironically) field operation point bonuses are icing on the cake! Hmm.... maybe there should be a field operation points PENALTY if you are using a better antenna than you have at home.

So anyhow yes, we want to level the field as much as we can, without being ridiculous about it. Here's what we've done so far....

1. In the CQC QSO winter and summer QSO parties, we invite the highest scoring CO station to operate WOCQC in the next one. This has so far resulted in the operation WOCQC going back and forth between two operators [g]. Historically, the use of names (first initials) as multipliers was intended to introduce a sort of random element into the scoring, but in practice everybody does pretty much work all of the available names.

2. In the Great Colorado Snowshoe Run we introduced three equal classes of participation based on antenna type-- single wire, vertical, and multi-element (beam). That was interesting, and numbers were too small and the duration (2 hours) too short to come to any firm conclusions on the usefulness as a leveling exercise, but we will be trying it again during a similar event in July.

We've had many LONG arguments on the subject (just like QRP-L!) and basically come to the conclusion that this is not a problem that can be solved. The best we can do is try to keep people from getting discouraged, and keep it fun.

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

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(303)752-3382

--

Date: Thu, 30 Apr 1998 11:55:48 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Bob Hightower <ki7mn@dancris.com>
Cc: qrp-1@Lehigh.EDU
Subject: [9663] Level playing field - Definitive Answer!
Message-ID: <199804301758.LAA06192@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

[Bob said]

>>Yeah, and we all have to operate from exactly the same place, at the same time in order to minimize the differences in propagation, etc. <<

Bob, you're not the famous Dr. Querp from CQC's Low Down ("The Dr. is Destinated"), are you? That sounds suspiciously like his response to someone who was asking about the concept of "pure QRP." Low Down says anything can be reprinted with attribution, so here it is, from September 1997:

Q. The other night I worked a guy on 30M and when I told him I was running 5 watts into a Yagi he laughed (HI HI) and said I wasn't operating "pure QRP." What's the story?

A. Pure QRP means running absolutely no more than 5W ever under any circumstances and making sure you do not have an antenna that will in any way enhance your signal. If you have a big array of antennas you could have an effective radiated power (ERP, or sometimes eFRP) many times greater than your 5 watts. So the "pure" QRPer will never use any antenna other than a purely resistive 50 Ohm dummy load. The ERP is difficult to calculate, but it is related to the EEP (effective economic power), which is a calculation of the relationship between dB and dollars. A pure 2-way QRP contact (PQRPQSO) is something else entirely. Contact is only allowed if both signals are exactly equal. In practice this means that both stations must use exactly the same rig, with exactly the same power output into exactly the same antenna, located in exactly the same location. Operation must be in accordance with FCC Part 97.313.a so it follows that both operators must immediately reduce power to the minimum required for communication, and since they are in the same location the required ERP is exactly zero. To date a true two-way pure QRP QSO has not yet been achieved but many avid QRPrs are working on it and you will know when they have achieved it because you will no longer hear them.

Actually, here's another thought on the subject-- if rule 313.a were

enforced, the vast majority of all QSO's on the HF bands would be at QRP power levels!

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

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(303)752-3382

--

Date: Thu, 30 Apr 1998 18:01:28 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9664] QRP Operating -- Lessons Learned
Message-ID: <3548BC78.122A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This could be a much longer post.

What QRP operating has brought me:

Friends with common interests.

Knowledge of equipment limitations.

Renewed interest in Homebrewing and contesting without contest pressure.

Interesting and personal QSL cards to be reciprocated as the USPS Stamp Budget allows.

Great life experiences shared.

Anyone with a ham license, some parts and/or \$10.00 and some wire can participate. And if you don't have that, your friends will come thru with a loaner or gift.

Just the best friends all around. I'm looking forward to 'our' next qso.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 30 Apr 1998 14:07:41 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrpl@Lehigh.EDU>
Subject: [9665] Fw: What is Qrp?
Message-ID: <009001bd7463\$08cd52a0\$8bd633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As Dave put it "Sorry in advance. I can't hold back. Flame suit on." You said it all Dave, however I have to add this. " He who dies with the most toys--WINS!" Come on everyone QRP is to have FUN.

The Old Buzzard---Ken/ne0c---QRP-L 1524
-----Original Message-----
From: Dave Sjolín <sjolin@swbell.net>
To: Low Power Amateur Radio Discussion <qrpl@Lehigh.EDU>
Date: Thursday, April 30, 1998 12:51 PM
Subject: What is Qrp?

>Sorry in advance. I cant hold back. Flame suit on.
>
>For years I have felt that qrpl was full of contradictions.
>
>For some qrpers it isn't really qrpl unless the rig is homebrew. A kit
>might be okay but only if you wind your own toroids and prepare your own
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>
>Others have a minimalist approach and want to see what they can do with
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>781 cranked down to 5 watts, that's cheating.
>
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>
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>some of the other super station is not qrpl.

>
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>kw. From that belief, some develop an erroneous belief that they are
>superior operators solely because they use low power. Well this might be
>believable if the operator has good results using a minimalist rig
>hooked up to low dipole or heaven forbid, an inside antenna. But I fail
>to see how this holds up if they sitting a top a mountain with stacked
>monobanders and are using top of the line equipment. Effective radiated
>power at a particular wave angle will determine your strenth at the
>other end. The power to the final is only a small part of the equation.
>Don't put down others for taking a different approach to the same
>destination.
>
>I think qrp is different for each individual. It is supposed to be fun.
>If it isnt do something else, anything else.
>
>73 de Dave, N0IT
>
>

Date: Fri, 01 May 1998 02:02:17 +0800
From: "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: qrp@pandora.lugs.org.sg
Subject: [9666] Any news on new S&S rig?
Message-ID: <3548bca9.pandora@pandora.lugs.org.sg>

Hi,

I was wondering if there's been any news on the new S & S Engineering rig. I would be very interested in some kind of comparison between that and the Elecraft K2. There seems to be a number of "new generation" rigs/kits out that are digital, do all bands, etc. Not only, they all seem to be cheaper than the SG-2020. Personally I'd have to have a REAL good reason to choose SGC over these kits.

Anyway, is there a web page where I can take a peek at the new SS rig?

Thanks.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |
| 9V1ZV      | http://www.cyberway.com.sg/~danwee |
| QRP-L #667 | 9V1ZV@amsat.org |
+-----+-----+
```

Date: Thu, 30 Apr 1998 12:14:27 -0600
From: "Caro, Carlos" <carlos.caro@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'n7kt@earthlink.net'"
<n7kt@earthlink.net>
Subject: [9667] RE: QRP - A reminder
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB0A83BD@emss02m14.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

> If all playing fields were meant to be level, we'd all be the same size,
> color, and gender.....now there's a terrible thought.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
 Right On!
 There is no such a thing as a level playing field in LIFE.
 As I used to say to my kids "Show me on your birth certificate where
you are guaranteed fair"
 Regards, Carlos #1333

Date: Thu, 30 Apr 1998 11:22:31 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: mgemm@mtechnologies.com
Cc: qrp-l@Lehigh.EDU
Subject: [9668] Re: Level playing field - Definitive Answer!
Message-ID: <199804301822.LAA22592@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:55 AM 4/30/98 -0600, you wrote:

>
>[Bob said]
>>>Yeah, and we all have to operate from exactly the same place, at
>the same time in order to minimize the differences in propagation,
>etc. <<
>
>Bob, you're not the famous Dr. Querp from CQC's Low Down ("The Dr.
>is Destinated"), are you? That sounds suspiciously like his response
>to someone who was asking about the concept of "pure QRP."
>-----

Nope, not me. I just got kind of tired of all the chatter about leveling the playing field. QRP is QRP, as far as power levels go. The rest of it is up to the op. Heck, we can't even 'prove' that the other guy is qrp, can we?.

>Q. The other night I worked a guy on 30M and when I told him I was
>running 5 watts into a Yagi he laughed (HI HI) and said I wasn't
>operating "pure QRP." What's the story?

>
I don't think there is such a thing as 'pure qrp'. There are so many changes in the environment on such a frequent basis that even a 'no-gain' antenna could suddenly produce some. QRP is QRP.

>
>---

>
>Actually, here's another thought on the subject-- if rule 313.a were
>enforced, the vast majority of all QSO's on the HF bands
>would be at QRP power levels!

>

That's very true. I haven't operated at QRO levels for a few years now, not out of any elitist thinking, but just haven't unpacked the TS-450 since I loas took it out to the field. Takes up too much space on the bench, anyway :^).

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

Date: Thu, 30 Apr 1998 10:57:40 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: n4bp@bc.seflin.org
Cc: qrp-1@Lehigh.EDU

Subject: [9669] Re: Still got a bunch of them RS wire antennas...
Message-ID: <19980430.112449.11566.2.gsurrency@juno.com>

Bob Patten, N4BP wrote:

>You could string them all up in a wire-Yagi configuration and compete
>(unfairly) in the next QRP contest with them. :-)

Yeah, with that many - you could make a really keen log periodic! :-) -)

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 12:19:34 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9670] Signature file??
Message-ID: <3548C0B6.4721@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can someone with this group give me directions on placing a signature
file after all of my posts? I have always wanted to do that, but did not
know how?? Thanks in advance, 72 Tom WB5QYT

Date: Thu, 30 Apr 1998 11:24:49 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [9671] Re: Elmer 101: Varactor substitution?
Message-ID: <19980430.112449.11566.4.gsurrency@juno.com>

On 30 Apr 1998 11:44:43 -0400 Glen Leinweber wrote:

>

>There is a simpler way.

>You can increase the value of C8 from 82pf to a larger value,

>either by substitution, or by paralleling another capacitor.

>In any case, it should be a good quality (NPO or COG) type.

>A silver mica or polystyrene would be OK too.

I used a 120 pf s/m for C8, which required a 22 pf for C7. This produced a tuning range of 7.000 to 7.054 Mhz, allowing me to tune in W1AW at 7.047 Mhz. A value of 100-110 pf for C8 would be ideal, probably allowing a range of 7.000 to 7.048 Mhz. About 50 Khz range seems the limit for a single turn pot with 270 degrees of rotation. Beyond that, the pot's resolution becomes a major factor, and a 10 turn pot is the way to go. IMHO. This was the range chosen for the standard pot in the Norcal 40A, and it was probably based on good reasoning.

Previously, I had used a 100 pf cap for C8, and a 30 pf cap for C7. This gave me 7.000 to 7.045 Mhz. Just short of W1AW! :-)

The tuning pot gets a little faster at 54 Khz of range, but it is still manageable. I observed excellent oscillator stability with either setup, since I the 120 pf cap was a miniature silver mica, and the 100 pf unit was a NPO cap.

Does anyone know where I came get more miniature silver mica caps from? Looks like they have 100 volt ratings, rather than the 500 v rating of common s/m caps. They are really the ticket for small QRP radios! :-)

Fry's Electronics has some NPO's, and the small pf values came from an assortment that Radio Shack sells.

72,

Gary Surrency AB7MY

S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 13:34:50

From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [9672] RE:Using CB amps with Qrp rigs.
Message-ID: <3.0.3.16.19980430133450.2ec7a6b2@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>> It seems to me that allowing the QRP crowd to scarf up these amps and
>> modify them for the ham bands accomplishes exactly what we want-get
>> them out of the hands of CB ers!

Hmmm, It seems to me that if I were a "CB Kicker amp" Maker, if I started
to sell more amps due to a new market ie, QRPer's, than I'd simply make
more kickers to meet the new demand.

Or better yet, I'd use the ham market as a "front" for producing the higher
profit margin CB amps. Note that if you do go looking for one of these
amps, you'll pay 2-3 times what it's really worth, due to the "contraband"
nature of the amp.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 30 Apr 1998 11:28:59 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: JGold@tntech.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9673] Re: Sg2020
Message-ID: <3548C2EB.77065AFC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff M. Gold wrote:

>
> All,
>
> I really am glad I got feedback from this esteemed group. I was one of the
> first on the list for delivery, sold a number of other rigs and have had the
> money in the bank and anxioiusly awaited the rig. I cancelled mine, had a
> bit of a sad attack, but after all the postings I am glad I did it.
>
> I am now anxiously awaiting the K2, may even have to figure out how to get

> to Dayton for the first time in my life (sleep in the van?). Wayne has never
> let me down. Still love my 40A (loved all three). wish I could have afforded
> a Sierra at the time.

Like the others, I had anxiously awaited the production of the SG2020,
primarily
because I own the original model of the Index Labs QRP+ with no mods,
other than
the updated EPROM that fixed a few of the early problems. Since I
didn't trade
up to the QRP++ before they went out of production, I was hoping to see
an even
better radio in the 2020. Since such seems not to be the case, in terms
of CW,
think I'll look at the other options.

The K2 looks very interesting, and I'll also be anxious to see the OHR
multi-bander.
When I ordered my QRP wattmeter, the gentleman at OHR was telling me
that there
would be a replacement for the now-discontinued multi-bander that would
be
available in the near future.

To me, the fact that the K2 is a kit is a big plus.

What else is new on the multi-band QRP horizon? I think someone said
S&S, but I'm
not familiar with that company.

72 de Jim - AD6CW

Date: Thu, 30 Apr 1998 11:31:40 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <ehare@arrl.org>
Cc: <qrp-1@Lehigh.EDU>
Subject: [9674] Thank you
Message-ID: <01bd7466\$37d16d40\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed, thank you for your response to the "Border" squirmish. It was well
written, consise, to the point and used common sense. It also shows that

someone at the ARRL recognizes the spirit of QRP and having fun. On behalf of NorCal, thank you for your efforts. Paul Harden's posting was excellent also, in that it explained what the purpose of the contest was and how it came about.

We have heard from the ARRL, we have heard from NorCal, now, lets get on to having more fun with QRP!!

Have a good day and hope to see you at Dayton. 72, Doug, KI6DS

Date: Thu, 30 Apr 1998 13:31:16 -0500
From: mlp <mlp@flash.net>
To: qrp-l@Lehigh.EDU
Subject: [9675] Spring issue of QRPP and subscription
Message-ID: <3548C374.1356@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is the Spring issue to QRPP being sent out in a 'phased' manner? i.e. should I be concerned that I haven't received mine yet?

I've had difficulties getting on the subscription list in the past and am worried that I'm still not on it.

Does anyone have an email address for Jim Cates? Perhaps I could contact him about it directly.

Thanks!

mlp@flash.net
Marty Porter
N5SXV

Date: Thu, 30 Apr 1998 14:35:38 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: Tracy@bytemark.com
Cc: QRP-L@Lehigh.EDU
Subject: [9676] Re: Confused/NOT A FLAME WAR
Message-ID: <b876be46.3548c47b@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-30 12:27:36 EDT, you write:

<< Subj: RE: Confused
Date: 98-04-30 12:27:36 EDT
From: Tracy@bytemark.com (Tracy)
Sender: owner-qrp-l@Lehigh.EDU
Reply-to: Tracy@bytemark.com
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

Tracy,
Nah, This isn't a flame war but i'm really getting some good info out of it.
At this time it looks like everyone has their own ideas on qrp and what really
is qrp??
Well some local I know came over a few months ago, hooked up his Norcal 40A to
a battery, fired up 2 watts into a ham stick and in less than 3 minutes was
working a station in Ohio
To me that's qrp, doing it with what you have.
I have worked Sudan on 40 with 4 watts on a dipole and the DX station sent
qrz'ed qrp??? several times and not responding to all the big guns out there.
I gave him a call and responded with my rst as 559.
So there you have it An MFJ rig, a cheap dipole, no tuner.
My junk antenna (double bazooka) got me all states, 11 countries, 287 contacts 40
meters, 5 watts out (so I cheated a bit) all this in 3 nights.
Appx. a month ago, I worked VK2ETL on 4 watts but my friend, 37 miles from me
was unable to hear him on his FT1000 with his beam on a 60 FT. tower.
My total investment was less than \$200.00 and his was well over the \$4,000.00
mark.
So is it the station, the antenna, or operator skills??
Bob
WA2HOQ

Date: Thu, 30 Apr 1998 11:34:16 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [9677] Winning
Message-ID: <199804301834.LAA23739@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Why all the emphasis on winning? Most folks operate within their budget,
space limitations, etc., and do the best they can in any 'test. I know I'm

not gonna win one, unless I can manage to be the only entry in the lower Mongolian QRP Sprint on the 30th of February, so I don't bother worrying about it. I like to operate and see just what my setup can do on that day, at that time, knowing that it will be different from yesterday's or tomorrow's results.

There isn't ever going to be a level playing field! But, it will be fun!

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

Date: Thu, 30 Apr 98 08:40:28 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-1@Lehigh.EDU
Subject: [9678] Borders?
Message-ID: <9804301840.AA15230@krypton.nmr.Hawaii.Edu>

Well lets see:

Many groups reported using GPS to find their spot exactly.

Many groups reported actually finding the monuments set up by the government as corner markers.

ARRL basically said for a given QS0, pick one. Same as the contest rules for things like grid squares in VHF contests. If you are on the border, pick one side to be on for a given QS0.

It was a fine idea which got a lot of people outside and doing a major cross section of QRP operating activities. Camping, braving the elements, setting up rigs on battery power, stringing antennas, searching the wilds for obscure places to operate from, talking to similar nut cases around the country using just a few watts portable.

It certainly needs to be analyzed to death on one front or another.

I am certain they put you in jail for having this much fun.

For me, Thanks to everyone who participated, created and promoted QRPTTF. I await next year's "idea". Maybe shorelines? Maybe lighthouses (no that one is already taken)? Maybe underground in

deep caves? (talk about an antenna equalizer!).

How about this rule = You can QSL from any, and all, state(s) you, or someone in your group, can whizz on (three-beer preload limit) from your operating position(s).

I understand bears in the woods use similar rules.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Thu, 30 Apr 1998 11:39:21 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: tom whalen <whalen@swcp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9679] Re: Signature file??
Message-ID: <Pine.LNX.3.96.980430113624.25162A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, tom whalen wrote:

> Can someone with this group give me directions on placing a signature
> file after all of my posts? I have always wanted to do that, but did not
> know how?? Thanks in advance, 72 Tom WB5QYT

This depends on what operating system you're using to write your mail. If you're using a UNIX derivative of some kind (e.g., UNIX itself, Linux, BSD, etc), then you simply edit a file, called ".forward" in your home directory. From that point forward, that signature will go into all of your e-mail and usenet news postings.

If you're using Windows or Macintosh, then it depends entirely on the mail program you're using. Eudora, for instance, has a dialog box which you can use to set your signature. Netscape and Internet Explorer expect you to have some kind of file, presumably created using Notepad, which you must specify as being your signature.

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Thu, 30 Apr 1998 14:45:29 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-1@Lehigh.EDU
Subject: [9680] Re: Level playing field
Message-ID: <v01520d02b16e27df070e@[207.172.109.54]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Ron! I must agree iwth you. The antenna you use limits how you get out. Just recently I worked EA8CHC on 20 meters who was using a tribander up 50' - his power output was 100mW! (His RST was 559/QSB). All I have up now is a attic dipole, but I don't seem to have much trouble getting out with it - many ops are surprised to hear that I'm not useing a beam!

As far as geting a Yagi for \$150, I didn't hear of that, but the deals are out there! I just picked up a 6 ele tribander (10-15-20) and rotor/rotor control for \$75. Hopefully I will put it up this summer. CUL es GL!

73/72,
Craig, KF4NYZ

Date: Thu, 30 Apr 1998 14:52:06 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9681] Re: Signature file??
Message-ID: <303de5b5.3548c857@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Tom -

Regarding: How to add a Signature to E-Mails

Well, I am on American On-Line (AOL). Here you have to create a text file= e=0Athat contains your signature. I have to open that file and do a <Ctr=

1> <C> to=0Acopy it into memory and then "Paste" it at the bottom of each=
E-mail I=0Acompose. I wish that there was a better way - like having th=
e system=0Aautomatically place my signature at the bottom of each e-mail,=
but that is not=0Aa reality - at least yet. If you are not on AOL I sus=
pect that you have to do=0Ait the same way anyway.

I hope you get better news from others on this list. But for now I hope =
this=0Ahelps you out.

73's es 72's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
ARCI #9637 10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://members.aol.com/dennismo>

Date: Thu, 30 Apr 1998 11:56:10 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9682] Re: Signature file?? (fwd)
Message-ID: <Pine.LNX.3.96.980430115422.26142A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>in unix the file is called
>
>.signature
>
>
>not
>
>.forward
>
>.forward is where you put the address to forward all your mail.

You are correct -- I had written .forward probably because I had just
finished establishing a .forward file for one of our users... :-)

I did, in fact, mean to say .signature. Sorry for the confusion!

```
=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                http://www.dolphin.openprojects.net
=====
```

Date: Thu, 30 Apr 1998 15:10:45 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9683] Re: Attempts to Level the Field
Message-ID: <3548CCB5.18CD@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marshall Emm wrote:

> We've had many LONG arguments on the subject (just like QRP-L!) and
> basically come to the conclusion that this is not a problem that can
> be solved. The best we can do is try to keep people from getting
> discouraged, and keep it fun.

Perhaps groups could offer certificates for stations that beat their own personal best score. That way, if people were able to work on their stations and operating skill, propagation willing, they could be winners every year.

72,
Ed, W1RFI

Date: Thu, 30 Apr 1998 19:13:59 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [9684] [Fwd: [TenTec] RE:Using CB amps with Qrp rigs.]
Message-ID: <3548BF67.322C9B6B@ameritech.net>

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="-----0F8B41EE17EFA088575C8E6D"

This is a multi-part message in MIME format.

-----0F8B41EE17EFA088575C8E6D

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

New Thread.....beat it to death! :)

Baloooooooooooo

-----0F8B41EE17EFA088575C8E6D

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from dayton.akorn.net ([205.217.100.11])

by mpdr0.chicago.il.ameritech.net (InterMail v03.02.01 118 111)

with ESMTP id <19980430164835.KVNI23657@dayton.akorn.net>;

Thu, 30 Apr 1998 11:48:35 -0500

Received: from dayton.akorn.net (dayton.akorn.net [205.217.100.11])

by dayton.akorn.net (8.8.5/8.8.5) with SMTP id MAA05398;

Thu, 30 Apr 1998 12:56:06 -0400 (EDT)

Received: by dayton.akorn.net (TLB v0.10a (1.23 tibbs 1997/01/09 00:29:32)); Thu, 30 Apr 1998 12:55:57 -0400 (EDT)

X-NUPop-Charset: English

Date: Thu, 30 Apr 1998 12:55:09 -0500 (EST)

From: "James C. Owen, III" <owen@piper.eeel.nist.gov>

Reply-To: owen@piper.eeel.nist.gov

Message-Id: <46510.owen@piper.eeel.nist.gov>

To: qrp-l@lehigh.edu, tentec@contesting.com

Subject: [TenTec] RE:Using CB amps with Qrp rigs.

Sender: owner-tentec@contesting.com

Precedence: bulk

X-Sponsor: W4AN, KM3T, N5KO & AD1C

The question was brought up about how to get more power from a qrp rig when needed. Since no amps are built that will operate at the 50 watt output level with 5 watts drive what to do? The suggestion was that you could start out with one of the illegal CB amps and modify with LPF's but would this be legal since the CB amp was illegal to start with. I said I would try to find out the correct FCC opinion and here it is as I received it from Frank Coperich of the FCC. It looks as if, in fact that the FCC would be very happy if we QRpers would buy up the CB amps, if for nothing else to get them off 11 meters. 72/73 Jim K4CGY

In message Thu, 30 Apr 1998 11:59:21 -0400,

Frank Coperich <FCOPERIC@fcc.gov> writes:

>
> The response from Bill Cross (attached) represents the "official" position
> of "WTB" and should be considered as the answer to your question.
> --=_FDA98D77.036214A8
> Content-Type: message/rfc822
>
> Date: Thu, 30 Apr 1998 11:18:49 -0400
> From: Bill Cross <BCROSS@fcc.gov>
> To: CCOBBS@fcc.gov,FCOPERIC@fcc.gov, JREED@fcc.gov
> Cc: AWALL@fcc.gov,LCLANCE@fcc.gov, RLAForge@fcc.gov, SKAMINER@fcc.gov
> Subject: RE: Rules question -Nth Reply
>
> There is nothing in 97.315(a) that says or implies the amplifier to be
> modified had to start life as a "legal" amplifier. It only talks about
> "an external RF power amplifier", of which a CB illegal amp is
> definitely one, and allows an amateur operator to modify one per
> calendar year for use at a station (not necessarily the modifier's
> station.) The intent of the rule was to recognize that one ham may very
> well modify an amp for another ham rather than to prevent one ham helping
> another.
> It seems to me that allowing the QRP crowd to scarf up these amps and
> modify them for the ham bands accomplishes exactly what we want-get
> them out of the hands of CB ers!
>
> Bill
>
>
>>>> Frank Coperich 04/30/98 10:33am >>>
>>>>
> OK, thank you all - so far for inputs. In my opinion it will finally be a
> "WTB" call on this (Rule interpretation) but our inputs should be
> considered.
> My opinion is that Section 97.315(b)(3)(ii) refers specifically to
> MODIFICATIONS. (Units CONSTRUCTED from spare parts or otherwise
> are covered in Section 97.315(a)(3)(i).
>
> I believe that since the process of MODIFYING an existing Type
> Accepted amplifier makes it -"Non - Type Accepted" (And the original
> Grantee is not responsible for its performance) that the realistic
> allowance was to permit an operation to make CHANGES that he wanted
> to make - and assume the responsibility for technical compliance.
>
> I think we need to hear from "WTB".
>
> --=_FDA98D77.036214A8--
>

--

FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>
Submissions: tentec@contesting.com
Administrative requests: tentec-REQUEST@contesting.com
Problems: owner-tentec@contesting.com
Search: <http://www.contesting.com/km9p/search.htm>

-----0F8B41EE17EFA088575C8E6D--

Date: Thu, 30 Apr 1998 15:16:17 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9685] FS: Ten-Tec Triton IV
Message-ID: <029101bd746c\$863bd500\$4ea898a9@jaxadmin2-89.mediaone.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For Sale:

Triton IV model 540 (analog) in VG/Excellent condition with manual and carton. Stock, clean with no mods or extras...smooth PTO. \$ 255.00 + shipping.

-Paul

Date: Thu, 30 Apr 1998 12:12:06 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9686] LC386s in series
Message-ID: <Pine.LNX.3.96.980430121110.26142B-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it OK to place three LM386 amplifiers in series to achieve 120dB of gain necessary for ham radio use? I don't immediately see anything that would forbid this, but I was wondering if anyone had any experiences

otherwise. Thanks.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Thu, 30 Apr 1998 13:20:14 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9687] Mailer!!
Message-ID: <3548CEEE.5990@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry bout that guys! Am using Nutscape Mailer. Have not seen anything about a signature file, but I will keep looking! Thanks for all the tips and if I don't have any luck, I will pick some more brains! 72, Tom
WB5QYT

Date: Thu, 30 Apr 1998 15:25:41 -0400
From: Ed Tanton <n4xy@att.net>
To: whalen@swcp.com
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [9688] Re: Signature file??
Message-ID: <3.0.5.32.19980430152541.00c01ae0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Tom: if Mozilla (your mail program) doesn't allow for SIG creation and use, (look for something about SIGs in the OPTIONS/or whatever menu) you can simply create a text file under WIN using NOTEPAD. Then, when you're composing messages, you can not post them right away, letting them accumulate 'til you're ready, go to the file SIG.TXT (or whatever) you created and saved and use a 'CONTROL C' to copy it to the clipboard... then go through each message and put the cursor where you want your SIG to start, and hit 'CTRL V' which will paste it into the message. SEND that one. Do the rest that way. Voilaq! Note how much simpler it is with a program that allows you to save even multiple SIG files, and will automatically insert them at the end as you SEND the message. EUDORA PRO

And note that mine's MORE than the Reflector managers like. Try and minimize BW by making it as small as possible. I do apologize for mine, but I like it, and well, what can I say.

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

"Think you can, think you can't: either way you're right!" Henry Ford

>Talk about QRP power! W3CV makes an brief "spot" announcement and N6MM,
>WA1QVM and K50I give the 3D2HI three QRP QSOs in a row, and I suspect
>others may have been before me. TKS Scott. - 73, Harvey, N6MM.

Dan N7C0R

Date: Thu, 30 Apr 1998 15:41:59 -0400
From: "Paul Christensen" <paulc@mediaone.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9690] FS: Ten-Tec Scout
Message-ID: <031301bd7470\$1d4a2700\$4ea898a9@jaxadmin2-89.mediaone.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Ten-Tec Scout in absolute Mint/Pristine condition with band module, noise blanker, carton and manual. \$375.00 + shipping.

-Paul, W9AC

Date: Thu, 30 Apr 1998 12:40:35 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9691] Re: Signature file??
Message-ID: <Pine.LNX.3.96.980430123832.30304A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, Ed Tanton wrote:

> Dear Tom: if Mozilla (your mail program) doesn't allow for SIG creation and
> use, (look for something about SIGs in the OPTIONS/or whatever menu) you
> can simply create a text file under WIN using NOTEPAD. Then, when you're

I know Netscape 3 and 4 allow the use of signatures. Just need to browse the configuration settings a bit.

> And note that mine's MORE than the Reflector managers like. Try and
> minimize BW by making it as small as possible. I do apologize for mine, but
> I like it, and well, what can I say.

I dunno...I think your signature is pretty normal.. :)

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Thu, 30 Apr 1998 13:53:50 -0600
From: Phil <k6ls@prolynx.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9692] Re: Output power
Message-ID: <3548D6CE.4229F5DA@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With respect to Mr. Zack Lau,

It would be a good idea to know how to use ANY test equipment you have BEFORE you use it.

Sure, the HP432a will handle 100 mW direct, but it is a good idea to use the proper 'accessories' (i.e.- attenuators, directional couplers...) with it to handle any power. It's your piece of test equipment, take care of it!

And yes, the Thermistor Mount ("kilobuck power sensor") replacement can cost you lots of money if you buy from HP or Tucker. You can usually pick these up for real cheap if you shop around.

I also would be cautious with any test equipment purchase. If they can't stand behind the item as working, with a right to return-don't buy it.

And for those that are interested, The HP Thermistor Mount for the 432A to look for, HF wise, is the model 478a Option H75. It has a frequency coverage of 1 Mhz to 1 GHz. (yes, I have one. Thank you ;-)

-usual disclaimers.

--

73 de Phil, K6LS

Zack Lau wrote:

>

> Considering how many HP power meters are available at hamfests that
> just need the easily burned out kilobuck power sensor, I consider the

> 432A a poor choice for routine power measurements, unless your rigs
> *never* put out more than 100 mW.--Zack W1VT

Date: Thu, 30 Apr 1998 15:06:36 -0500
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [9693] Netscape mail sig file
Message-ID: <3548D9CC.4057@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Netscape
options
Mail and News
Identity
Signature <---<< use notepad and creat a text file and browse to it
from here

More questions just ask

73 and good luck

--

* KD5CKP
* Tim Billingsley Grid# EM54bw
* QRP-L #1510 mailto:kd5ckp@bellsouth.net
* <http://personal.mem.bellsouth.net/~kd5ckp/Index.htm>
* "Everything looks impossible for the people who never try anything."
* Dr Jean-Louis Etienne

Date: Thu, 30 Apr 1998 15:01:02 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-l@Lehigh.EDU
Cc: cw@qth.net
Subject: [9694] QSK performance of FT-1000MP ?
Message-ID: <3.0.2.32.19980430150102.00874a90@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can anyone enlighten me as to the QSK performance of the Yaesu FT-1000MP ?

I.E. does it chop dits, have slow recovery or any other bad stuff ?

73 de Mike W90J

Date: Thu, 30 Apr 1998 16:12:34 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Cc: "'njqrp@njqrp.org'" <njqrp@njqrp.org>
Subject: [9695] Elmer 101 ETC
Message-ID: <61184F6C1EF9D0119A6300609798EA46A20A0A@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

If anybody is doing Elmer 101 or has any other QRP rigs they want to look out let me know.....you are welcome to come over to my shack and hook up some test equipment to see the various waveforms and spectra.

I live in Northwest NJ

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Thu, 30 Apr 1998 13:21:01 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: whalen@swcp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9696] Re: Mailer!!
Message-ID: <35487ABD.1B45B088@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First, create a signature file in a text editing program. Save it somewhere. Doesn't matter what you name it, but it helps to use the "txt" extension.

In Netscape, open Edit, then Preferences, then click on Identity (in the category mail and groups). Near the bottom of that window, you'll see a box where you put the location of your signature file. Click OK, and you're in business.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Thu, 30 Apr 1998 14:45:37 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Bob Hightower <ki7mn@dancris.com>, qrp-1@Lehigh.EDU
Subject: [9697] Re: Level playing field - Definitive Answer!
Message-ID: <199804302045.0AA11836@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Bob--

>>That's very true. I haven't operated at QRO levels for a few years now, not out of any elitist thinking, but just haven't unpacked the TS-450 since I loas took it out to the field. Takes up too much space on the bench, anyway
<<

Same here-- the IC735 has a plastic door over the rf control, which is stuck on minimum (previously adjusted to just under 5W). I have no philosophical antipathy toward higher power but do very much tend to follow the 313a rule-- it's just that sometimes 50 or a 100w is necessary to establish or maintain a QSO that is important for me. It's all the spirit, isn't it? Or "the thought that counts" or something [g].

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Thu, 30 Apr 1998 13:40:42 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-1@Lehigh.EDU
Subject: [9698] LM386 stuff again
Message-ID: <Pine.LNX.3.96.980430133434.1601C-1000000@topaz.axisinternet.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, it seems like the LM386 is a no-go for my project. Instead, I managed to find something better, thanks to the suggestions of a few on this list (you all know who you are!).

It seems that the NE5534 is a replacement for the (in)famous 741 op-amp, but only with lower noise, and better overall performance. I was unable to find the data sheets for that part at the philips semiconductor site, but I *DID* find the NE5532A, which seems to replace the (in)famous 1458 op-amp. It's a low-noise version of the NE5532, which itself is the low-noise, better performance version of the 1458, which itself is the dual-741 package.... ;) (You need to study geneology just to get a grip on some of this stuff!)

Anyway, I plan on using 2 such chips, permitting me 4 amplifier stages, each with 30dB of gain. With a 600-ohm output impedance, I figure I can use one of those 1K:8ohm transformers to drive my headphones (8-ohm headphones). Dead-bug, of course, with absolute minimum lead lengths, and 10uF capacitors across Vcc and ground on all chips.

Comments/suggestions? Input appreciated, and thanks for the suggestion! I think I will promptly throw away my set of 741s and 1458s, making room for the newer stuff... ;-)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Thu, 30 Apr 1998 16:49:04 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-l@Lehigh.EDU
Subject: [9699] level
Message-ID: <199804302049.QAA04861@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I must protest a bit. I don't mind the fellow with a 3 element beam so much, but for the sake of argument, let's say that I'm Bill Gates, and I can afford a Sterba curtain like the late lamented one at Bethany. 8 zillion db's gain.

And there are bigger antennas around -- the Soviets were particularly good at the things before Radio Moscow died. No reason why a rich psychotic ham couldn't build such a beast.

In short -- should you be able to buy first place in a contest?

I realize that the whole thing could get ridiculous, for example having your own space station with a megawatt up there -- why not? And the points about people living on hills and so on are well taken.

However, I hate contests. But one does hear stories about Italians putting up 4 monobanders (as big as they can get), and driving each with the legal limit (nothing in the rules says you can't have 4 or 8 of each, so the story goes). Same idea to my mind.

I think the whole thing should be put to bed. To me, though, working qrp simply means radiating 5 watts through a hertzian antenna, or perhaps a _bit_ better.

I like the guy I talked to in Montana with 5 watts and the MFJ loop better than the guy with the 999 element 20 meter beam at 9,000 feet. But others differ.

Incidentally, I really think qrp ought to be defined as well under a watt. That takes talent.

73 jerry W8GND

Date: Thu, 30 Apr 1998 17:43:44 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9700] Re: [AMPS] Fw: Engineers are Like That (by-line...)
Message-ID: <199804302153.2398100@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> and especially "Dave Barry's Book of Bad Songs"

This book is EVIL.

If you're the type of person who hears morse code in every squeak and rattle in the old car, you just haven't lived until everything you hear

reminds you of "Does your chewing gum loose it's flavor". DO NOT read this book unless you are a serious masochist.

My personal favorite is his "The Only Travel Guide You'll Ever Need".

73 de WB8RCR

Date: Thu, 30 Apr 1998 17:13:02 -0400
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@Lehigh.EDU
Cc: n0tu@webaccess.net
Subject: [9701] Re: Litz wire source
Message-ID: <199804302113.RAA62140@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve... try Surplus Sales of Nebraska at:
<http://www.surplussales.com/Wire-Cable/LitzWire.html>

They've got lots of neet stuff at their site. Sometimes
a bit pricey, though.

.....
Steve wrote:

"Anyone know where you can find some Litz wire (the stranded stuff they wind
AM radio loopstick antennas with), I have a non-ham friend who's looking for
a 100' of it"?

.....

Bill Howell
University of Texas at Austin
College of Fine Arts
Electronic Maintenance
N5ALO QRP-L #415

Date: Thu, 30 Apr 98 17:13:22 PDT
From: gregoire@endor.com
To: psyodell@mail.provide.net, Low power amateur radio discusion <qrp-1@Lehigh.EDU>
Subject: [9702] RE: level
Message-ID: <Chameleon.980430171453.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Ok Larry,

Here goes.

Abrakadabra!

Poof!

For you, QRP is under a watt!

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed by youth for going to slow and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	
Canaan, NH. 03741	Fly fisher & tier, Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

04/30/98 17:13:22

Date: Thu, 30 Apr 1998 17:26:25 EDT
From: B1ljohN <B1ljohN@aol.com>
To: psyodell@mail.provide.net, qrp-1@Lehigh.EDU
Subject: [9703] Re: level
Message-ID: <8c5fd2ec.3548ec82@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

In a message dated 98-04-30 17:04:22 EDT, psyodell@mail.provide.net writes:

<< Incidentally, I really think qrp ought to be defined as well under a watt. That takes talent.

73 jerry W8GND >>

Jerry,

Some of us with indoor antennae and no cable TV must run near or under one watt just to stay out of the tube (especially when the tv antenna is also in the attic). While that isn't always easy, if you want a challenge, come on over. :) I still have fun. I just enjoy operating and building and even if the contact is near by, it is still fun. (Much more so than being limited to mobile FM.)

72,

Bill
K9YEQ

Date: Thu, 30 Apr 1998 17:26:13 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: <qrp-l@Lehigh.EDU>
Subject: [9704] Re: qrp and beams... serious reply... :-)
Message-ID: <01bd747e\$9a8ee800\$2b5445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On April 30, 1998 Joel wrote:

-----Original Message-----
From: JOEL DENISON <jdenison@morelr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, April 30, 1998 8:35 AM
Subject: qrp and beams... serious reply... :-)

> Hi gang
>I think someone has raised a various serious question here... Why add a beam
>to qrp?
> well I can tell u why I do that...
>With the beam I can hear a lot of stations I can't with a dipole... and
>more consistently... does what a pre-amp can't do...
> A beam also lets me talk with more signal strength to a desired
>direction... Kinda lets me squeeze all the juice out of the orange.. :-)
> It, a beam, makes my four watts much more effective and little >or
no strain for the receiving station to copy me... Basically I can >treat my
4 watts to the feeling of being twenty or more, depending on >the beam...
and, if I want, I could go to miliwatt levels and still get >more distant
stations more consistently... with the beam...
> I'm here to communicate without straining the receiving station
>and I can do that at four watts... even better with a beam... kinda like >a
flashlight makes a little light a whole lot brighter- in one direction_-
>without using up ur batteries any faster... Even a kw amp, silicon or
>tube, is useless without a decent antenna... the antenna makes or >breaks
the station when consistent reliable operation is desired...
>my station ain't broke... :-)
>Joel in maine "trying to get out"
>God Bless
>Joel
>WA5CVM Gentlemen don't Cry, They QSY :-)
>Joel Denison Gentle Lady (RC Sail Plane)(049 engine -start)
>PO BOX 542 2 element yagi on 40mtr
>Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND >QRP 476 QRP-L
765 jdenison@morelr.com AK/QRP 109

Joel is correct! When I first got into QRP many years ago
I save my pennies and bought a used beam, paper route \$'s.
As soon as I put the beam up my QRP contacts went up. I
picked up the beam for just a few \$'s. My shack was in the
basement and I use to run up to the 3rd floor window and
walk out on the flat roof and turn the beam with a pipe wrench.
I had a BALL!!!! My QSO's went up! You would be amazed on
what you can hear! Wait until you work someone in France off
the side of the beam with 1 watt. That is why I like playing
around with QRPp.

You can find some good beams at Hamfest or sales. I picked
up a KLM beam with a 40 meter element for about \$200 but
there are a lot around \$100. Listen on some of the trades net
in your area on 2 meters or 75 meters, you never know.

Have fun with QRP!!
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Thu, 30 Apr 1998 14:36:37 -0700
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [9705] hamfest
Message-ID: <19980430.143638.11062.2.dave_epps@juno.com>

Fresno Amateur Radio Club hamfest this sat. Riverland RV Park on highway
99
just north of Kingsburg. The DX convention is also in Visalia.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 14:33:32 -0700
From: dave_epps@juno.com
To: ham@w3eax.umd.edu
Cc: qrp-l@Lehigh.EDU
Subject: [9706] Re: Still got a bunch of them RS wire antennas...
Message-ID: <19980430.143638.11062.1.dave_epps@juno.com>

These antennas worked out great for me as radials.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 22:40:25 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [9707] Dayton messages
Message-ID: <E0yV14I-0002mG-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Forgive me for asking, but I am under the impression that messages relating to FDIM should not be sent to qrp-1 as there is I think, a separate list for that purpose. If that is correct, it would save a little of my phone bill if Dayton messages were not on qrp-1!

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Thu, 30 Apr 1998 14:17:05 -0700
From: Kent Torell <torell@sicom.com>
To: qrp-1@Lehigh.EDU
Subject: [9708] Skill (was level)
Message-ID: <v04003a09b16e983ef6a3@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>In short -- should you be able to buy first place in a contest?

A race car driver driving a volkswagen can beat me driving a porsche. One of the things I've observed in my short ham career is that there really is a distribution of ability in the ham population, just like anywhere. :-)
I'll listen to the bands during a contest and it sounds like a cacophany of sound ... other hams have picked out three or four calls out of the same mess I hear, and proceed to work them. I think (in cw contesting, anyway) it comes down to training, motivation, and a little innate talent. Chuck and Ron are always telling us to practice, practice, practice before the SS contest and, they are right! So, I contest against myself. Maybe this year I'll get the 100 contacts for a pin but only if I prepare

myself. A 1kw station won't help me at all. :-)

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA scQRPion, qrp-1 57, ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Thu, 30 Apr 1998 17:44:40 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9709] RE: Attempts to Level the Field
Message-ID: <01BD7461.FC23DB60.tracy@bytemark.com>

How about a "Best Improvement" certificate or endorsement? That would (IMHO) create more activity in the event TWO years instead of just one, as this would have to compare one year's score against another.

There could even be a few sub-categories:

- 1) Best Improvement on same station
- 2) Best Improvement with (X) upgrade (antenna, rx, etc??)

Don't some of the contests use antenna multipliers?

I'm no big contester, but this discussion has got me interested in them again. Once, about ten years ago, I ran the FHV/UHF station at the Orlando radio club's multi-op Field Day site. It was a blast. Our VHF contribution brought us in to decent (Top ten?) placement for that year. We made the majority of our contacts on 50.015 ~ 50.02, with some sideband contacts on 50.130. We never used more than 8 watts. (That was QRO for my Kenwood TS-680s on 6m!)

Tracy, N4LGH #1453

PS

Are there any 50 MHz contests coming up that give QRP multipliers? ;)

-----Original Message-----

From: Ed Hare, W1RFI [SMTP:ehare@arrl.org]
Sent: Thursday, April 30, 1998 3:11 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Attempts to Level the Field

Marshall Emm wrote:

> We've had many LONG arguments on the subject (just like QRP-L!) and
> basically come to the conclusion that this is not a problem that can
> be solved. The best we can do is try to keep people from getting
> discouraged, and keep it fun.

Perhaps groups could offer certificates for stations that beat their own
personal best score. That way, if people were able to work on their
stations and operating skill, propagation willing, they could be winners
every year.

72,
Ed, W1RFI

Date: Thu, 30 Apr 1998 14:51:48 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9710] Re: level / Buying Contests
Message-ID: <199804302151.0AA11907@usr04.primenet.com>

Howdy Jerry and Folks,

Jerry (W8GND) wrote:

>
> In short -- should you be able to buy first place in a contest?

Actually, while having a big signal helps, there's
no way to buy yourself into 1st place in any serious
contest. It takes a highly-tuned set of skills.

Case in point: If you or I sat down at the biggest
antenna farm in the world and full legal power, I
can guarantee we'd *still* get smoked during CW SS,
probably even by a few QRPers. Our skills just aren't
up to the task.

> I like the guy I talked to in Montana with 5 watts and the MFJ
> loop better than the guy with the 999 element 20 meter beam at
> 9,000 feet.

I like *anyone* who answers my call. Or who buys the
pizza. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And that, my Liege, is how we know the Earth
to be banana-shaped." -- Monty Python and the Holy Grail

Date: Thu, 30 Apr 1998 17:53:44 EDT
From: B1ljohn <B1ljohn@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9711] Fwd: SG-2020 Comments
Message-ID: <3ff9c8f4.3548f2e9@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_893973224_boundary"

This is a multi-part message in MIME format.

--part0_893973224_boundary
Content-ID: <0_893973224@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

To my fellow QRP'ers:

I sent in an inquiry re the SG-2020 Flap to SGC as I do have an interest in the product. I have been a QRP++ operator on CW and have some concerns about the problems expressed by early reviews of the product.

For what it is worth, here is a copy of the response I received. I have spoken with another ham who did play with the 2020 at AES in Milwaukee, WI. While I won't be rushing out to buy one, I continue to have interest.

I do enjoy operating QRP SSB. I get about the same response (verbally) as I do on CW when they find out I am QRP, that is if I find the need to tell them. Oftentimes my pleasure is self contained and just as fulfilling.

The usual disclaimers apply... thought you might like to know that SGC is responding and the content of the response, some of which looks quite familiar. So here it is (again?).

72,
Bill
K9YEQ

I

<< Hello Bill,

Thanks for your email message regarding the early reports being posted about the SG-2020. You are very accurate in your evaluation of the situation.

As you can imagine, we are receiving numerous inquiries regarding the performance of the SG-2020, as well as questions concerning our "connection with Index Labs," and our design philosophy, etc. Rather than trying to individually address every inquiry, we have prepared the following comments that cover several key areas of concern...

Regarding your questions and attached comments by Peter Zenker... Naturally we would like to address some issues that this evaluation raises. We would also like to respond to the Index Labs rumor that has been spread throughout the amateur / QRP community. Hopefully you can present this information in an unbiased manner which will serve to neutralize the misinformation that seems to spread much faster than the facts.

Index Laboratories, located in Gig Harbor, WA, stopped all manufacturing and production of their QRP Plus radio sometime in 1996. SGC did not acquire Index Labs, nor has any interest or part of this company.

As a result of the closure of Index Labs, Bruce Franklin was contracted as a part of our design engineering team on a new product, the SG-2020. SGC has no other connection with Index Labs.

As you know, SGC has been designing and manufacturing HF communications equipment, primarily for the commercial market for over 25 years. As such, our primary emphasis has naturally leaned toward the SSB and data modes of transmission. Because our products are designed to perform reliably in very harsh conditions over the entire HF (1.8 to 30 MHz) bands, they have also been widely accepted and used by radio amateurs in all parts of the world.

We recognize this substantial and influential base of customers, and greatly appreciate their business and support. Obviously, there is a great deal of overlap between the commercial and amateur markets, and our product line meets the needs of a broad base of customers.

With this in mind, it is fair to say that the new SG-2020 is representative of all products bearing the professional SGC label: (a) it is built for reliable, consistent, durable performance; (b) it was

designed to be used by a broad base of radio operators; (c) it has been optimized for voice and data transmission modes.

We recognize that there are some hams who are expecting the SG-2020 to deliver unsurpassed performance in their preferred mode of operation -- QRP CW. While the SG-2020 performs very well in low power CW operation,

it is also unrealistic to expect one product to completely meet every operator's expectations. For any HF radio to be a success it must appeal to a diverse market. For this reason, the SG-2020 (as it comes from the factory) has been optimized for voice and data modes.

However, this is not to say that there is no room for tweaking its characteristics for maximum performance in CW. In fact, we welcome the QRP community to suggest and implement any enhancements that will improve the performance of the SG-2020. After all, isn't that what most

hams really find most gratifying -- making a good piece of equipment even better?

Finally, please recognize that many of us here at SGC are also hams, including myself and our President, Pierre Goral, KI7UA. We are thrilled to introduce a new AMERICAN MADE product that has generated such excitement and will fill such a need among radio amateurs. With band conditions steadily improving, there will soon be thousands of hams

working the world with 20 watts or less -- myself included!

I'm sure this hasn't answered all your questions and concerns, but hopefully it will clear up several issues that needed to be addressed. We appreciate your willingness to convey our message to the hams that you are in contact with. We will also be posting updated information, evaluations and statements concerning the SG-2020 to our website very soon.

Thanks again for your assistance and interest in SGC equipment.

Best Regards,

Jeff Halliburton, WA7JH
Sales & Marketing Director
>>

--part0_893973224_boundary
Content-ID: <0_893973224@inet_out.mail.aol.com.2>

Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <sgc@sgcworld.com>

Received: from rly-zc03.mx.aol.com (rly-zc03.mail.aol.com [172.31.33.3]) by
air-zc01.mail.aol.com (v42.4) with SMTP; Thu, 30 Apr 1998 17:32:52
-0400

Received: from accessone.com (blaze.accessone.com [198.68.191.19])
by rly-zc03.mx.aol.com (8.8.5/8.8.5/AOL-4.0.0)
with ESMTP id RAA10880 for <B1ljohn@aol.com>;
Thu, 30 Apr 1998 17:31:09 -0400 (EDT)

Received: from sgcworld.com (kirk03-7.accessone.com [209.43.128.103])
by accessone.com (8.8.5/8.8.5/PIH) with ESMTP id OAA24814
for <B1ljohn@aol.com>; Thu, 30 Apr 1998 14:31:06 -0700 (PDT)

Message-ID: <35487D35.90599B28@sgcworld.com>

Date: Thu, 30 Apr 1998 14:31:35 +0100

From: sgc <sgc@sgcworld.com>

Reply-To: sgc@sgcworld.com

Organization: sgc

X-Mailer: Mozilla 4.04 (Macintosh; I; PPC)

To: B1ljohn <B1ljohn@aol.com>

Subject: SG-2020 Comments

Mime-Version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: quoted-printable

Hello Bill,

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Thanks again for your assistance and interest in SGC equipment.

Best Regards,

Jeff Halliburton, WA7JH
Sales & Marketing Director

--part0_893973224_boundary--

Date: Thu, 30 Apr 98 16:59:49 PDT
From: "Robert Roach" <KE4QOK@worldnet.att.net>
To: "Dave" <sjolin@swbell.net>
Cc: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [9712] Re: What is Qrp?
Message-ID: <MAPI.Id.0016.004534514f4b20203030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

HI Dave,

QRP is low power. For our purposes it is generally accepted to be 5 Watts or less. As far as the rest goes it is like sex.... how you do it is = your business.

> Sorry in advance. I cant hold back. Flame suit on.
>
> For years I have felt that qrp was full of contradictions.
>
> For some qrpers it isn't really qrp unless the rig is homebrew. A kit
> might be okay but only if you wind your own toroids and prepare your =
own
> cabinet.
>
> Others have a minimalist approach and want to see what they can do with
> a small no-frills radio. That is qrp. To them, if you were using an Ico=
m
> 781 cranked down to 5 watts, that's cheating.
>

Date: Thu, 30 Apr 1998 14:59:08 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9713] Re: level / Buying Contests
Message-ID: <Pine.LNX.3.96.980430145642.7992C-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > I like the guy I talked to in Montana with 5 watts and the MFJ
> > loop better than the guy with the 999 element 20 meter beam at
> > 9,000 feet.

I remember on my second QSO ever CW, three years ago, I called CQ, and was virtually blasted out of the chair by such a strong signal. I asked his QTH, and he reported Florida (I was in Mississippi at the time). I was using only 100W or so at the time (I didn't know any better), and he was blasting away at 1KW! I never had to ask someone to turn their power down before...

> I like *anyone* who answers my call. Or who buys the
> pizza. :-)

Either Ravioli or Lasagna for me. I like pizza, but if I'm going out, I

want to EAT! :D

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13         |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Thu, 30 Apr 1998 18:08:16 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [9714] FS: 40M OHR Explorer II
Message-ID: <029101bd7484\$7a69c8a0\$56785acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OHR 40M Explorer II For Sale
looks good and works good, with manual
\$85 Shipped in 48
please email direct
Thanks
Tim
NZ8J

End of QRP-L Digest 1076

Date: Thu, 30 Apr 1998 19:38:28 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1077

QRP-L Digest 1077

Topics covered in this issue include:

- 1) [9715] Re: level / Buying Contests
by B1ljohn <B1ljohn@aol.com>
- 2) [9716] wire/yagi updated
by jdenison@morelr.com (JOEL DENISON)
- 3) [9717] S&S "ABT" multi-band >update <
by Conrad <radman@best.com>
- 4) [9718] Re: level / Buying Contests
by "Ron Polityka" <wb3aal@talon.net>
- 5) [9719] Re: level / QRP SSB
by Joe Gervais <vole@primenet.com>

Date: Thu, 30 Apr 1998 18:07:43 EDT
From: B1ljohn <B1ljohn@aol.com>
To: vole@primenet.com, qrp-1@Lehigh.EDU
Subject: [9715] Re: level / Buying Contests
Message-ID: <34faba80.3548f630@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-30 17:59:46 EDT, vole@primenet.com writes:

<< > I like the guy I talked to in Montana with 5 watts and the MFJ
> loop better than the guy with the 999 element 20 meter beam at
> 9,000 feet.

I like *anyone* who answers my call. Or who buys the
pizza. :-)

Cheers de AB7TT,
>>

Me, Too! Any time I get a chance on the air to QSO, I don't care where
they're from just not next door! (I can walk over).

Hey, does anyone operate SSB QRP besides me? I have yet to talk to another
SSB'er who's QRP. I find it just as much fun and a lot more can be said much
faster than CW. (And, I love cw too, just not as much :))

Bill
K9YEQ

Date: Thu, 30 Apr 1998 17:13:49 -0500 (CDT)

From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [9716] wire/yagi updated
Message-ID: <199804302213.RAA26293@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High guys/gals

I guess while all the type was going on, I added a reflector to my wire yagi and signals seem to be a bit stronger on the receiving end and the ant is matching the qrp++ better...

Being a "cheater", using a beam for xmiting... I wonder if it is ok if I just use the beam for receiving???? It will let me pick up the 1mw station a lot better... and just make it a lot easier copying qrp, mw (true qrp) stations... :-)

In the meantime I'm having a ball with the reactions people have to four watts and a wire/rope (poor man's) beam...

Always wanted a kick (u know what) ant on forty and now I got one... oh happy day but then it has cost me my qrp status... :-(

So This is THE QUESTION... If I just use the beam to receive...can I keep my qrp status?...

joel in maine "trying to get out" :-)

God Bless

Joel

WA5CVM	Gentlemen don't Cry, They QSY :-)
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	2 element yagi on 40mtr
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Thu, 30 Apr 1998 15:13:55 -0700
From: Conrad <radman@best.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [9717] S&S "ABT" multi-band >update <
Message-ID: <01BD744A.9994A720@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Fellow QRPers,

Well, here's some cheerful news... I had a nice talk with Dick Szakonyi, =
President of S&S Engineering today. Development of their new QRP =
multi-bander - the "ABT" - is moving along nicely I'm told. The =
following updates are to be noted:

- 1.) New front panel keypad arrangement with **Direct Entry**
- 2.) Switches are "Dome-Tactile" type - not "mushy switches" (Nice!)=20
- 3.) Band-stacking memory/ 3 mems per band (enough?).
- 4.) Chip-on-Glass display w/ no back-light to conserve standby current =
**
- 5.) 3.5mm "Key" & 3.5mm "Paddle" jacks on front panel
- 6.) GONE: the 8 pin Mic jack on front panel - it's on rear panel to =
conserve space
- 7.) NEW: "HT-Speaker-Mic" connector on front panel for field use =
(accepts standard Icom/RS dual male pin HT-type connectors)
- 8.) Smallest SMT component you'll have to install is 0.050" -- S08 or =
S016 packs
- 9.) S&S will pre-solder all of the "impossibly small" SMTs -- like the =
48 pin PLCC on 0.019" (bet you're glad Dick's doing that one for you !)
- 10.) Factory-built version is "Made in the USA."
- 11.) Target pricing for factory version is steady at \$600 US List.
- 12.) Kit pricing "to be announced soon...."
- 13.) Shipping is still "end of August, 1998."
- 14.) S&S will be in Booth #241 at Dayton.
- 15.) The real name of the rig is the "ABT" (All-band Transceiver) !

Dick notes that all of the above are subject to change.

NOTE: if you have strong opinions about the need for a back-lit display =
you need to email Dick & Kathy at n3sad@aol.com and let them know =
that... quickly!

If you didn't get my original post of the S&S "ABT" preview... email me =
and I'll forward a copy to you.

Standard disclaimers, naturally.

72 - Conrad Weiss - NN6CW

Date: Thu, 30 Apr 1998 18:32:48 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [9718] Re: level / Buying Contests
Message-ID: <01bd7487\$e767fa00\$2b5445c6@default>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just remember one thing.

A serious contester will always win! They get in
some kind of trance and they can pick out a
signal that some people can't even hear!

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Thu, 30 Apr 1998 15:34:40 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: B1ljohn@aol.com (B1ljohn)
Cc: qrp-l@Lehigh.EDU
Subject: [9719] Re: level / QRP SSB
Message-ID: <199804302234.PAA14098@usr04.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Howdy Bill and Folks,

Bill (K9YEQ) wrote:

>

> Hey, does anyone operate SSB QRP besides me? I have yet to talk
> to another SSB'er who's QRP.

Try one of the ARCI QRP SSB contests. There does seem
to be far less QRP SSB activity than CW. Maybe we need
to do a bit more promotion for QRP SSB/RTTY/etc. Means
less QRM for all of us, after all. ;-)

Not that I've been too helpful there - pure CW at my QTH. It's just so darn magical....

Perhaps one of you could organize a QRP SSB version of the Fox hunt? (Don't worry Chuck - not directed at you! :-)) Call it the SSB Snipe Hunt?

Just a thought...

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And that, my Liege, is how we know the Earth to be banana-shaped." -- Monty Python and the Holy Grail

End of QRP-L Digest 1077

